

English Version

NEW

* La revista del Radioaficionado

Manises the center of radio-friendship





Antenna Location in the Car

The Map for Ham project

In the face of interference, report

Idle space or Preview:



RADIO CLUB «MELIPULLI» IS 20 YEARS OLD



You can now order Morse code pizza (UK)

CQWW DX SSB from the center of the world

DroidPSK - PSK for Ham Radio APK

Hedy Lamarr: the actress who invented "wireless"

The Club is born Selvamar Noticias



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This month's cover:

Trophy awarded by Grupo DX `L´Anfora de Manises 2021



This month we continue with our adventure.
Selvamar Noticias magazine and his stories are published in three langua-ges:
Spanish, Catalan and English.
We know that translations may not be the best but we will try to make them within what is considered logical.
Even so, if you detect and / or want to collaborate with the correction, you are invited.

VERSIÓ CATALANA



English Version

Direción.
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XQ4NUA - Leticia San Martin
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EA2DNV - Txemi
Echolink and activities

Manolo "Meteorito"
CB section

EC1RS - Rubén
News and opinion

SMA-NOAA-AMATEURS
Radio. meteorology and satellites.

EA1OK -Viri
Technology

LU7DSY Carlos Almirón
Present

This month:

Selvamar Noticias
* La revista del Radioaficionado

The Selvamar News Club is born



As you already know, Selvamar Noticias magazine has been characterized since its inception by not incorporating advertising and by being free.
This means that many of the ideas require an economic contribution that we do not have, so we raised the idea of Club Selvamar Noticias.

What is Club Selvamar Noticias?
The Selvamar News Club is a section of the magazine in which the followers and friends of the magazine collaborate in its growth, dissemination, participation in events, attendance at fairs and markets, and more.
It is a type of patronage, disinterested and altruistic thanks to which the magazine will continue to be free and free, and will be able to participate in cultural, scientific, and dissemination events of our hobby, it will also be able to carry out contests, activities, challenges, participate in fairs , markets and various events.


What do I get from being from the Selvamar Noticias Club?
First of all, you will be informed of activities, news and many other things of interest to radio amateurs.
As you already know, unity is strength and this will be one of the assets so that the members of the Selvamar Noticias Club can have first-hand information, advice, collaborations and other options that the future will hold for us.
How much does it cost to be a member of the Selvamar Noticias Club?
We are aware that we are going through a bad economic time and that is why we have thought it appropriate to set a minimum annual fee of € 5. Obviously it is voluntary.

What will the quotas be used for?
First, to legally establish the magazine in its rightful place.
To continue with the diffusion of amateur radio in fairs, markets, events.
In order to continue conducting contests, activities, challenges, etc.

How can I join the Selvamar Noticias Club?
As simple as making a minimum contribution of € 5 to the account number that you will find in the Club Selvamar Noticias section on our website.
Here you must include the full name and send a copy to selvamarnoticias@gmail.com
The fee will correspond to the year 2022

We wait for you



Idle space or Preview:



Why do you insist on requesting that a previous listening of no less than 10 seconds be left in the new digital voice systems? Well the previous as such is something that all of us as radio amateurs should implement in all modes and bands, it is an ethical behavior that is taught in the courses to obtain license, this gives time for other colleagues to access the wheel and avoids that we are constantly stepping on each other. It's amazing to hear colleagues with decades of experience flaunting it, not paying attention to something as simple as this. Taking change intently and immediately has negative repercussions today.

There are several reasons for requiring this pause. The first is that most digital or streaming systems implement JITTER-type BUFFERS. These special BUFFERS accumulate information and download it with a programmed delay, the idea is to allow DIGITAL information to arrive correctly and fluently in networks with quality difficulties. That is why it is the famous DELAY or DELAY that is noticeable between systems, something that does not harm anyone: therefore, being aware of it is uselessly stressful. The second and which has already been explained several times, is the speed difference (Bit Per Second) of each system, DMR and FUSION go at different transmission speed, since digital voice is transmitted similarly to an RTTY or PACKET broadcast, so they will always be out of date in time.

The previous ones allow these phase shifts to be accommodated so that they do not accumulate and that the protection TOTs of the systems are extinguished correctly.

Finally, it should be noted for those who do not know that the PEANUT application is much more complex than a simple ZELLO. This is part of an analog / digital NETWORK and its idea is to make it possible to access it when there are no repeaters or nodes within reach. Unfortunately many of those who are using it today ignore all the recommendations given for correct operation since making endless wheels with the concept that it is nothing more than a telephone link and do not respect the minimum time between changes, damages the technical integrity of the NET since it subjects the systems to hours and hours in transmission. The application was never wanted to be put in MUTE since we consider it to be an authoritarian practice unworthy of our hobby and the good judgment of the participants was always appealed to.

For this reason, remember that behind PEANUT there is a lot of effort, time and material made available to you and others.



Amateur Radio, Callsigns and QSL

With this article I intend to make a small contribution to the Open Philately collections. Although sometimes all kinds of objects can be found in this discipline, I have not seen, at least in some collection of this discipline exhibited, never this type of material in these collections, I do not mean by this that there are none.
These cards or QSL as they are called among the fans, so interesting and full of color, can already be in a collection by themselves applying the same plans and presentations as the thematic collections, always from another point of view and above all not philatelic.
Within a collection of Open Philately we can incorporate them, for the reason, for their circulation (Post Office or through the National Federation), for countries, for calls, specials, etc. etc.
In the nineties and looking for some novelties, it occurred to me that with these QSL a collection could very well be assembled and that this same collection would be a source for the seekers of novel pieces for their Open Philately collections.
Said and done. I get down to work and decide to order some QSL from a radio amateur friend; two days later he brings me (I think, and without being bad thought, because he did not know where to store them) about four thousand units from all places in a huge bag. And here is a small representation.
QSL cards are used by radio amateurs as material proof of the existence of a contact and are necessary to obtain diplomas or to obtain points in contests.
And also as a collector's item. If we are using the postcards in the new Class recently added to the existing ones in Exhibitions, why can't a collection of these QSL cards be made?

These cards must contain the following mandatory information:
1.- Indicator of the card receiver
2.- Identification of the card issuer
3.- Date of contact (QSO)
4.- Contact time
5.- Transmission frequency
6.- Emission class
Other optional data are:
Address, country. City, geographic location, organization affiliation, etc.



There are two ways of sending these QSLs, the first direct from receiver to sender through the Post Office and the second and more popular through the respective federations. Therefore, those sent directly have the maximum difficulties of obtaining them, since the amount of the postage must be paid; so it is economical to deliver a large quantity of them to your national federation (in Spain URE, Union of Spanish Radio amateurs) which will be in charge of sending it to the different countries, in turn it will send it to the different local clubs for their distribute them to their recipients.
In accordance with the provisions of Law 9/2014, of May 9, General Telecommunications, the special use of the radioelectric spectrum by radio amateurs will require the prior obtaining of an



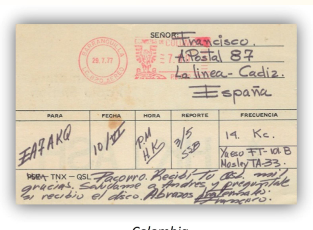
individualized administrative authorization granted by the Secretary of State for the Information Society and the Digital Agenda.

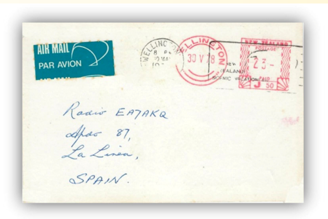
Obtaining the radio amateur authorization will require passing the training test to operate amateur radio stations.

After having passed the exam, the Administration will issue the harmonized examination certificate (HAREC) and the radio amateur authorization may be requested, which consists of the granting of an identifier or distinctive (EC7BLO, for example), with which the broadcasts will be made. ham radio. We can find all the information on the official website of the URE, https://www.ure.es and on the website of the Ministry, https://sede.serviciosmin.gob.es/es-es/procedimientoselectronicos/Paginas/detalle -procedures.aspx? ProcedureId = 147

The most common callsigns are, for Spain EA7-EHZ; Canada, CF-CK; Bolivia, CP-00A; Peru, OA-1AA; Armenia, UG-6A0; Guadalupe Island, FG-7AA; Annobon Island (Pagalu), 3C0AA; and thus a long list published by International Call Sign Prefix A.

You already have the callsign, the first contacts are made and the QSLs are received, now we are going to classify and order them in a different way. This time we are going to focus on the QSL circulated by the Post. We will leave those circulated by the national federations for another time.


Colombia



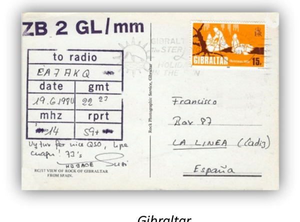
Nueva Zelanda

Con matasello conmemorativo:


San Marino


Italia

Con rodillo de propaganda, sello conmemorativo y con tarifa reducida en Argentina:



Gibraltar



Argentina

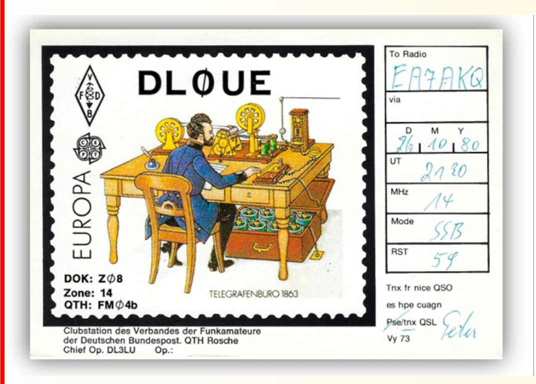
ACTIVIDAD DE INTERES NACIONAL
Tarifa reducida Radioaficionado
Resolucion 536/66 - 57/68 S.C.



Circulated with mechanical postage:
With commemorative stamps

And how I could not resist the temptation to put my favorite, here it is; Although it has not circulated through the Post Office, it is a clear example of a shipment through the channels of the National Federation, with an image taken from the German CEPT

stamp dedicated to the telegraph and adapted to the needs by this radio amateur and sure that a philatelic collector , to a very curious "QSL".





QSL and Germany CEPT stamp from 1979
I am sure that we can find other forms of classification and I am sure that some of these pieces will be able to include them in their Open Philately collections.

Juan Panés Cantero
Presidente del Grupo Filatélico y Numismático de Algeciras

https://www.fesofi.es/noticias/la-radio-aficion-los-indicativos-y-la-qsl/?fbclid=IwAR2XlVIehnx4LJarectVxhyO4RSMD6rtQ2pic-38BujOkIZkFFMPt-ZK0MU

Since this this week, LRCB has grown a little more in the world of radio.



This Group that began to operate back in 2015 in the 27 Mhz band, has been advancing and growing until reaching more than 400 users of the Citizen Band that
have joined this Association for free.
After creating the Association and registering in the Register of Associations, it has several partners who, with a minimum annual fee, contribute to the maintenance of the Association.
Since this week the LaRadioCB Association has its HAM call sign (EA 4RCB) requested from its Board of Directors at the request of members with an amateur radio license but who do not abandon or renounce the 11 meters
"We are finally ready to inform you that, from today, the Association of Radio Amateurs LaRadioCB has a collective station call sign with the call sign: EA4RCB." This is how Antonio Colomé (EA4HBF), secretary of the Association, communicated the news to the rest of the members.
So LRCB (EA4RCB) will be present in both 27 Mhz and other radio bands

His website is www.laradiocb.com where we can see more information and his profile at qrz.com is also available now.



CQWW DX SSB desde el centro del mundo

Between some things and others I did not find time to write a few lines to the group. Here I leave a brief review of what was our experience in the CQWW from the Pacific, or as the Ecuadorian shortwave station HCJB said at the beginning of its broadcast, which I used to hear when I was young: "The voice of the Andes. Broadcasting from the center of the world "
We landed in Puerto Baquerizo Moreno, on the island of San Cristóbal, on October 25 and as we usually do as soon as we arrive at the site, we set up a vertical, this time of 40 meters, to shoot at 15 and then at 40 all night. As in the equatorial latitudes the sun rises every day at 6 am and sets flawlessly at 6 pm, whether it is Christmas, Easter or Fair, little or nothing can be done outside those 12 hours a day, and less up there in the Junco, where one is always submerged in a cloud and cannot even be seen to sing.
During the next two days, the rest of the antennas were assembled and the stations were occupied. In the contest we used two Yagis made of Spiderbeam yarn from 10 to 20 meters with one penta-plexer and the other triplexer, and verticals of 1/4 wave for 40, 80 meters with four elevated radials. For 160m an inverted L, also with four raised radials. The turn signals were left pointing, one towards JA / W6 and the other at W1 / EU. The Armstrong rotors were hardly used and even less eager to do so with the little time. The Humboldt current, which enriches the oceanic waters, brings up there, the "Kingdom of Mordor", a constant humid southern wind that often raged at night as if to take away the desire to be on the roof without a protective railing and stuck in the fog or go to the field for the other, without seeing a meter from noses.
Two Beverage reception antennas were also installed in the JA / W6 and W1 / EU directions that



ranged from 160 to 30 meters, mostly to attenuate one hemisphere or another. The only noises in the Junco are atmospheric and cosmic. The solar noise appeared with the three flares that occurred before the contest, followed by a couple of blackouts in the daytime bands of ahalf an hour long. The arrival of the consequent CME affected us a lot at 160 (slightly less at 80 meters). It should



also be noted that the shortest distance to the USA is 3500 km south of Texas, and it shows in the TB.
After more than 40 years doing the CQWW it seemed strange to me to start it at 6 in the afternoon on Friday, and finish it on Sunday at sunset. This is very convenient for Americans who do it away from home. They arrive in time for dinner at home on Sunday, rest and Monday at work.
While the high bands were a non-stop, we were the pretty girl, a "rare one" and multi unique, in the low bands it was harder for us to pileup. We normally didn't come out with more than 500 watts.
Since the end of our trip was not the contest, we decided to only occupy two stations to make an M2, without inband support. The other three positions were entertained between 12, 17, 30 and 60 meters. We also did not search for multis, the two runners were fixed gear. But since we scored 10,700 baskets and almost all of them from the 3-point line, as from EA8 and EA9, well in the end we have not been so bad to go with an uncompetitive station.
Of the 13 operators that we were then, 8 participated, in comfortable shifts of 2 hours of work and 6 of rest. I have never slept more in a contest.

Contest : CQ World Wide DX Contest
Callsign : HD8R
Mode : PHONE
Category : Multi Operator - Two Transmitter (M2)
Overlay : DXpedition
Band(s) : All bands (AB)
Class : High Power (HP)
Zone/State/... : 10
Locator : EI59GC
Operating time : 48h00



BAND	QSO	CQ	DXC	DUP	POINTS	AVG
160	10	7	7	0	24	2.40
80	604	22	52	16	1762	2.92
40	1591	27	94	47	4691	2.95
20	1709	34	106	24	4927	2.88
15	3644	34	110	110	10699	2.94
10	3142	29	105	144	9255	2.95
TOTAL	10700	153	474	341	31358	2.93

TOTAL SCORE : 19 661 466

Thank you for calling us during the contest and the expedition.

73

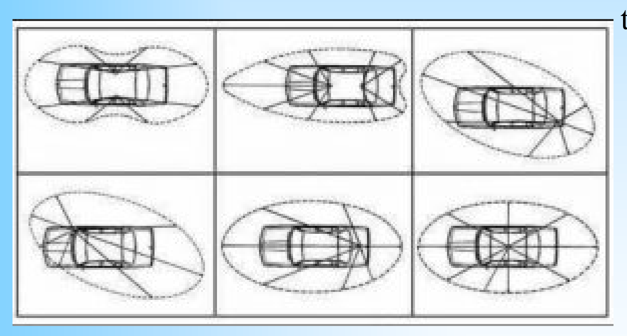
José Ramón, EA7X @HD8R

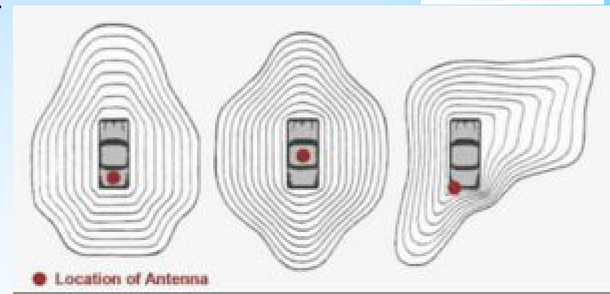


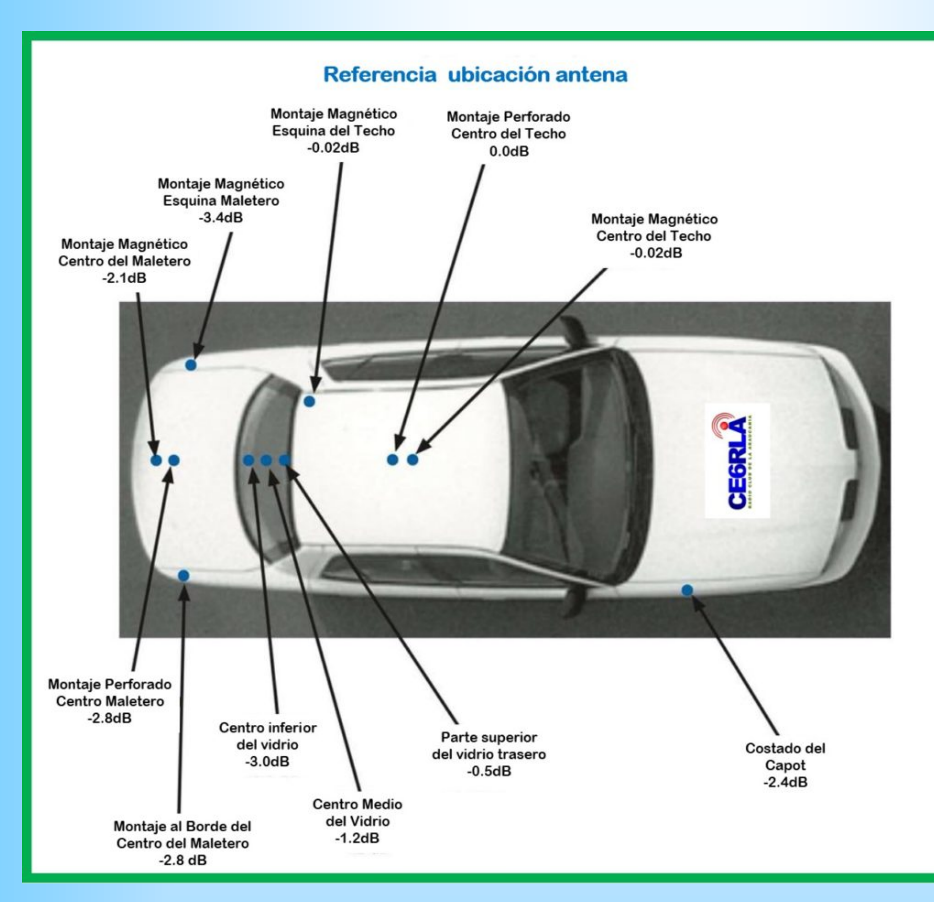
Ubicación de Antena en el Automóvil



Información de Patrones de irradiación de antenas según la ubicación de instalación en el automóvil. Es importante considerar ya que la ubicación definirá el lóbulo radiante, es decir no debe considerarse en donde lucirá más o se verá más elegante nuestra antena, sino, en que ubicación obtendremos su mejor rendimiento.







Aunque la posición ideal es en el centro del techo ya que se considera el lugar en donde la irradiación es la más simétrica y eficiente, dependerá según sea el caso de otros factores que condicionarán otra ubicación según el tipo de automóvil, como son altura del móvil, lugares frecuentes de desplazamiento etc. (puede ser que en ruta se encuentran inconvenientes como árboles con ramas a baja altura, entrada a estacionamiento subterráneo, etc. En donde nuestra antena podría sufrir algún daño).

Esperamos sea útil y ahora manos a la obra.

73 ¡¡¡

Fuente: http://radioclubdelaaraucania.cl/?p=4632&fbclid=IwAR1WT5mYnJGDQ0Ox-cQ_-39Vhl-rBnzG-Ejs_pRAAMbo5rnPl7FoZghJqJE

Selvamar Noticias
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I INTERNATIONAL CONFERENCE OF RADIO HOBBIES AGAINST CLIMATE CHANGE

On the occasion of having celebrated on October 24, the International Day Against Climate Change decreed by the United Nations Organization, in order to raise awareness in the world about the serious consequences of climate change, so that actions are generated in favor of the I take care of the environment. As multiple activities are being carried out worldwide; From Meetings, Encounters and even commemorative protests of this day, the Civil Association "Grupo Eco-Radio YV" we have not wanted not to be left behind and we have organized the I Conference, International Radio amateurs tell about Climate Change, through the EchoLink System by the YVNET Conference "Friends of Venezuela", in order to put a grain of sand in caring for the planet.



This I International Conference of Amateur Radio against climate change is the first time, perhaps in the world, that it is carried out through the EchoLink system, in this sense we are writing history within Amateur Radio.

For this I Conference, an invitation was sent to 15 American countries, of which 8 countries responded and 3 countries committed to a presentation. We began this humble but significant event with the participation of Colleague Jhon James Arias Escobar (HK-6-JAE) representative of Colombia, then the participation of Colleague Sergio Gustavo López (CX-3-D) representative of Uruguay, and we closed the cycle of speakers with Colleague Ignacio Granados Vega (IT-3-IES), representing Cos-

ta Rica.
At the end of the Conference a statement signed by the participants was read.

STATEMENT

Radio amateurs gathered via the EchoLink System, through the YVNET Conference "Friends of Venezuela" on Sunday, October 24, 2021, starting at 8:00 a.m. (12 hours U.T.C.); On the occasion of the celebration of the international day against climate change and within the framework of the First Conference of Radio amateurs against climate change, an event organized by the EcoRadio YV Civil Association, from Venezuela, we declare the following:

FIRST: We urge all the inhabitants of the world to minimize their carbon footprint as much as possible.

SECOND: We call on all Radio Amateurs to assume leadership in terms of the dissemination, through their teams, of issues related to Ecology.

THIRD: We demand that all officials in charge of education in all countries create the Department of Environmental Education, in all Institutes and at all educational levels.

FOURTH: We demand the Leaders of the world; Religious, to the Presidents and Prime Ministers, to assume their responsibilities in an honest way, leaving aside the speeches loaded with beautiful words, but empty, repetitive and without political will, that supplant them with a drastic change of attitude towards environmental problems and generate forceful actions through real and effective legislation in favor of the environment.

It's justice
"For a healthy environment for our children and grandchildren"
By the Civil Association "Grupo EcoRadio YV"

Eduardo Antonio Núñez (YV-6-ENA)
Fundador –Presidente

Manises the center of radio-friendship



On the occasion of the 25th anniversary celebration, we traveled on behalf of the magazine to cover this event. (25 years, almost nothing).
We had had several messages on WhatsApp with Sacri (EA2BRW), who invited us to participate in this important event.
As usual, we look for images, notes and others to be prepared and with a minimum of knowledge.



Before leaving and after offering us in case someone had to go to Valencia to the event, Sacri called us and asked us if we could take a radio amateur who was of an age, and thus avoid it being only by train, to which we agreed.
and ... surprise, we picked up Mr. Don Fulgencio Díaz (EA3ERI), neither more nor less than the president of the Radio Club Quijotes, who was one of those passengers who inoculated you with the amateur radio bug, telling us about his principles on radio, about his adventures in the direction of this prestigious radio club.
In short, almost 4 hours in which conversations arose in which we crossed indicative and we remembered some other companion.
But upon arrival, everything took a turn.
With barely time to park Sacri and Mari Angeles (Woman of the Presi) came to meet us as if we were the family, they took us out of the car almost in their arms, introducing us to each other.
Suddenly, one that came from the Balearic Islands, another from Cádiz, another from Madrid, another from…, I think that except for the Canary Islands, there was no district missing.
By the time it was we did the check-in at the hotel in just enough time to leave the luggage and go down for lunch, several cars in a caravan went to the restaurant, about 30 people, and how could it be otherwise, more were appearing companions who presented themselves as if they knew us forever. We felt like home.



At lunch we were with quite a few companions at the table, even one who takes two stars from his community.

A meal that after almost 5 hours of travel, we found a delicacy of kings, aperitif, starters and paella could not be missed, with which I broke the myth of "do not eat paella in Valencia" was great and on top of two types.



Back at the hotel, last minute shopping, "it seems to me that there was no room for more people in that shopping center"

Rest in the hotel and at 7:30, the bus that picked us up to take us back to the restaurant, this time more than 70 people gathered there, and in the background the trophies that would be given to the participants of the XXV Ánfora de Manises diploma.

On the other side a table with an assortment of ceramics, plates, jugs and a little pig that fell in love with more than one. These would be raffled after dinner among the attendees.

The meal begins and suddenly we saw several members of the board of directors who go to the tables with some boxes in their hands and from which they take out a decorated handkerchief with which they are giving to all the women, we continue having dinner and the operation is repeated in In this case, a ceramic toothpick for the gentlemen, but some voluminous ceramic plates in memory of the anniversary are not left here near the end of the dinner.



All this filled with endless laughter, jokes and a meal that a Michelin star would like.

To this we have to add the presence and words of the Manises authorities and the continuous attention from the president of the Andrés EA5LJ Club, who was constantly worrying about each and every one of the attendees.

The next day breakfast and farewells (the worst).

My reflexion: There are many clubs that have years like the one that scores points from the gas station, but this time we discovered that the Grup dx L´Ánfora Manises is a family in which friendship prevails over the radio. 25 years is more than enough time to know that a group is dedicated to its members and not wanting to be the best, that is given by time and in this case it has. I want to thank each and everyone for the treatment they gave us.
More next year.
EA3IAZ - Manel



Manuel Mari Morante, EAR-37, E-089 (1893-1966), a radio amateur whose story deserves to be rescued and remembered. Part 2



Acto de inauguración del Curso de morse organizado por *Radio Sport* en colaboración con el *Radio Club de España* que comenzó el 1 de febrero de 1926. Fernando Girón entre Emilio Cañete y Miguel Moya, sentados a su derecha e izquierda, respectivamente. Fotografía publicada en Radio Sport, año IV, nº 2, 20 de febrero de 1926, pág. 47.

On July 1, 1925, Manuel Mari wrote an article in El Ideal Gallego under the title Radiotelefonía denouncing the existence of radio listeners in Coruña who had been making clandestine broadcasts through the use of Runkorff coils, deliberately causing interference that prevented listening to the concerts broadcast by European Broadcasting stations and also hindering maritime traffic communications and the correct reception, by the Finisterre radiotelegraph coast station, of possible distress signals emitted by ships, with serious consequences that could even lead to , the loss of human life.

In September 1925, Mari Morante established his residence in Coruña where he installed a radiotelephony workshop and laboratory in Orillamar, 30 and took charge of the special wireless telegraphy service of El Ideal Gallego, being its editor. He also set out to install a powerful station



Mayor Manuel Mari Morante, 29 de noviembre de 1937

of Galician radio broadcasting in Coruña, whose signal could be heard all over the world. The project of the broadcasting station required a great financial effort and institutional support, necessary for it to come to fruition, so Mari Morante began to work in that direction, although, despite her efforts, it would not be completed. Broadcasting in Galicia would still take a few years to arrive.



Manuel Mari Morante, EAR-37, E-89 en 1965. Fotografía facilitada por su hijo Emilio Mari Solera el 7/6/2016

On October 27, 1925, Manuel Mari gave a lecture at the Coruña Artisans Meeting on radiotelegraphic and radiotelephone communications in Galicia. The presentation was given by the president of the Radio Galicia Cultural Committee, Juan Rof Codina, provincial inspector of hygiene and livestock health. This committee had been set up to propagandize in favor of establishing a long-range radio station in La Ciudad Herculina and, incidentally, selling the receivers manufactured by Radio Thurmon.

Mari Morante spoke that day of the importance that coastal radiotelegraph stations had for Galicia given the extensive strip of sea through which its territory extends and of the convenience of establishing more centers of this type equipped with direction-finding stations for the service of small vessels that they allowed to orient to the boats in circumstances in which the fog made it difficult to see the light of the headlights. He also referred to how beneficial it would be if small fishing steamers and sailing ships were equipped with short-range radiotelegraph stations that would allow them to communicate with the coast in situations of danger of shipwreck.

He then spoke of the cultural and economic benefits that would come with the establishment of a radio station in Coruña. Mari Morante ended up inviting the attendees, on behalf of the Radio Galicia Cultural Committee, to the auditions that were held daily in the laboratory of the Radio Thurmon house. In the Bazaar La Great Britain, on Calle Real, 29 in Coruña, run by Narciso Rodríguez Tobío, invitations were given to attend these auditions, no more than ten people.

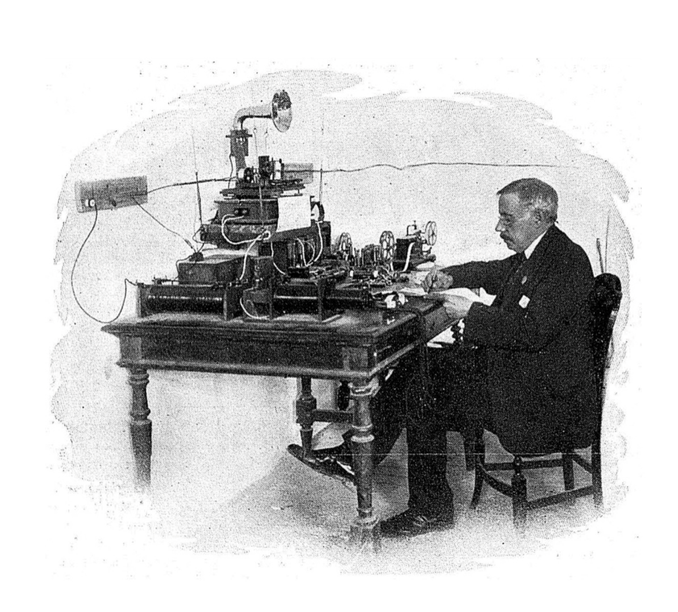
On November 15, 1925, a full-page advertisement in El Ideal Gallego included a photograph of RT 4 taken by Antonio Portela Paradela from A Coruña. It mentioned that the RT4 "holds the Grand Prix of honor and the Grand Prize Paris New York."

The conferences on Radiotelephony in Ferrol, Santiago de Compostela and different towns in the province of Coruña followed, announcing a pro-radio manifesto that he had prepared. The propaganda campaign and auditions continued in various locations: Padrón, Rianxo, Noia, Outes, etc.

In the Physics Cabinet of the Faculty of Sciences of the University of Santiago de Compostela, before its director, the illustrious Mariano Álvarez Zurimendi and other airwaves enthusiasts, several listening sessions were held with the four-valve receiver apparatus built by Mari Morante.

On December 7 in the town hall of the Muros town hall, the president of the Radio Galicia Cultural Committee held a conference on livestock and radio telephony. At the end, and taking advantage of the antenna installation of the local pharmacist and radio listener, Carlos Iglesias, an audition was given with a receiver from Radio Thurmon. The Radio Galicia campaign would continue for several more months intensely.

In June 1926 Manuel Mari Morante was granted authorization to establish an amateur radio station, whose official callsign was EAR-37. His Radio Thurmon business expanded to Santiago de Compostela, where he appointed Ramón Domínguez, Bar Víctoria, Calle Bautizados, 5 as representative.



Gonzalo Brañas Fernández ante su receptor radiotelegráfico denominado *Microrradiógrafo* en una sala de la Exposición de material científico habilitada en el V Congreso de la Asociación Española para El Progreso de las Ciencias celebrando en Valladolid entre el 17 y el 22 de octubre de 1915. Fotografía publicada en la revista Ibérica, nº 98, 13/11/1915, pág. 315

Manuel Mari moved to Compostela before his second daughter, named Gloria, was born in January 1927. He and his family settled in Calle Camino nuevo, 11 (now Avda. Rosalía de Castro).

In February 1927, Manuel Mari Morante, EAR-37 visited in Madrid Miguel Moya Gastón de Iriarte, president of the first association of radio amateurs that existed in Spain, and from the station of this, called EAR-1, he contacted the one of José Blanco Novo, captain of the Civil Guard in Compostela with amateur callsign EAR-28. Mari Morante had just returned from a trip to Paris in which, as she told Moya, thanks to wearing the EAR association insignia on her lapel, she received many greetings from French fans, and also personally met the radio amateur in Madrid , Francisco Llinás, EAR-50 from Játiva.

On April 28, 1927, Julio Pastor, Telegraph officer, listened, from his amateur receiving station E-033 in Santiago de Compostela, how, at 7.15 am, Miguel Moya Gastón de Iriarte, EAR-1 made a bilateral communication in radiotelegraphy with José Blanco Novo, EAR-28 and Manuel Mari Morante, EAR-37 who performed tests and adjustments in telephony.

On May 15, 1927, the EAR magazine, an organ of the Spanish Radio Aficionado Association of which Miguel Moya was president, reported that Javier de la Fuente EAR-18 from Santander, also a radio amateur, had been the first to receive the radiotelephony signal from the Blanco Novo station, EAR-28. Mari Morante, EAR-37, who was at his home at that time, also exchanged a few words through the EAR-28 microphone with EAR-18. Manuel Mari Morante carried out in May 1927, with his amateur radio station, several bilateral communications with France and England using a Bourne circuit as a transmitter, two receiving lamps and 400 volts of power.

In 1927 the Morante Academy was founded in Madrid, directed by Francisco Mari Morante, Manuel's brother.

Before July 1928, Manuel Mari Morante moved to Madrid, where he set up a shortwave radio amateur station whose officially assigned callsign was E-089.

In September 1928 he signed as "technical engineer" and "E-089", an article on a "Receiver of four lamps 1-V-2 for extra short" in EAR magazine. The valves used for its construction and some other components were from the Phillips house. The following month, and in the same post, he describes a low-power transmitter and a two-lamp receiver. All of them designed by him.

On August 20, 1929, from Madrid, Mari Morante arrived in Almería where at the La Campana restaurant, located in the Plaza del Carmen, he installed a modern electric jukebox designed and built by himself with which between eleven and twelve o'clock the night offered an unexpected concert, gathering around said establishment a huge crowd attracted by the musical notes that came from there.



In the 4th National Radiotelegraphy Contest held in Madrid in April 1930, Mari Morante was part of the jury as a representative of the Union of Spanish Radiotelegraphers.

In addition to providing first and second education training, she had a Physics and Chemistry laboratory and a student residence. Regarding professional studies, courses were given to prepare for examinations for the Post and Telegraph Corps, radio telegraphy and telecommunications engineering. The Morante Academy had a soccer field and its own team that faced those of the university.

On February 17, 1934, Manuel Mari Morante gave a conference, organized by the Cultural section of the Casa de los Maestros de Madrid, in the halls of The Aeoliam house on Avenida del Conde de Peñalver, nº 22, under the title "The wireless school". In it, among other issues, he highlighted the cultural value that for Spain having a powerful station with all the modern advances would represent, so that the teacher's voice could reach all schools with absolute clarity and power. He spoke of the important role that radio played in maritime rescue and "[...] he dedicated a warm memory to the Initiators in Spain of the first wireless communications, Messrs. Comyn, Asensio Caro, Guillermo Ortega, Moreno Quesada, Manuel Escolano, Alberto Villanueva, José Crespo, etcetera, who, by making unprecedented efforts and without any official subsidy, manage to place Spain on the international stage in radioelectric matters. [...] ". He also gave a practical demonstration on television and talkies.



Estación radiotelegráfica civil de Finisterre que fue abierta al público el 16/11/1913. Fotografía publicada en: http://www.urcoruna.com/web/index.php?option=com_content&view=article&id=225:ea100eaf-centenario-finisterre-radio

In February 1934 Manuel Mari was elected member of the Board of Directors of the Valencian Regional House in Madrid.

Militant of the Republican Left, Mari Morante participated in some political events and after the Civil War began, he fought against the rebels as did his two brothers, Isidore and Francisco. Among some of the destinations during the war, there is the broadcasting center located in Valencia.

Manuel Mari Morante rebuilt his life after the Civil War in Ferrol with his second wife, Julia Solera Barros, a school teacher, with whom he had four children. In those years he started several business projects.

He died at his home in Ferrol on August 11, 1966.

Tomás Manuel Abeigón Vidal, EA1CIU
abeigont@gmail.com
Pontevedra

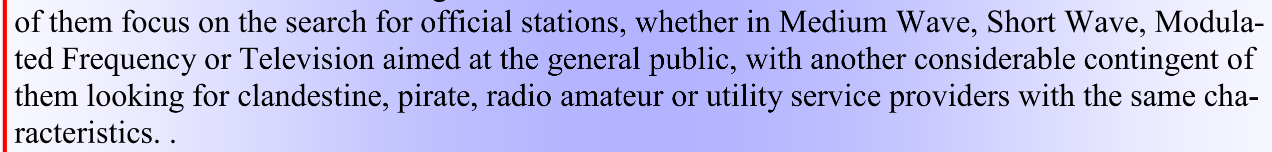
The word "DX" originally means distance, very far.



Unlike amateur radio, where the term is used to define contact (bilateral or multilateral) over long distances, for those who use their receivers for the sole purpose of hunting and listening to distant and difficult signals (therefore, not establishing any type of contact for the radio medium) the DX signifier has its own and even differentiated contours, without its essence of “distance, far” having undergone alterations.

Thus, "DX" means Dexism (Dxism), and Dexism is defined as follows: The art of listening to distant signal transmissions, coming from distant regions (thousands of kilometers), outside the coverage areas projected by the broadcasters and preferably with reduced powers.

DXers are the hunters of these signals. Most of them focus on the search for official stations, whether in Medium Wave, Short Wave, Modulated Frequency or Television aimed at the general public, with another considerable contingent of them looking for clandestine, pirate, radio amateur or utility service providers with the same characteristics. .



In other words, dexism is the art of hunting radio signals that in normal conditions could not be heard in your region, without the experience, patience, perseverance and techniques of its practitioner: the dexist.

From this perspective, we can say that unlike the Shortwave Listener (SWL), which has its main motivation in the station's programming, for Dexista the programs are of secondary interest, since its focus is on overcoming the challenge of hunting and listen to a station that is difficult to capture.

Dexism and international services

The audience of International Services destined for the region of the listener (Continental or Subcontinent) is not considered DX, because the transmissions are part of the coverage area projected by the engineers of the stations who, in advance, programmed the times, the frequencies of operation. , antennas and transmitters - generally of high power - for this purpose. In this case, the greatest credit for listening to these services must go to the station engineers and technicians who, as professionals working behind the scenes, are not always recognized for their work. Listening to international services, outside the coverage areas projected by the stations (Continental or Subcontinent), can be considered DX.

Dexism and regional and / or local stations

Listening to regional stations outside the coverage areas projected by the broadcasters is considered DX. As an example, let's examine the following case: listening in Brazil, on 4790 kHz (Short Waves), the local broadcasts of Radio Vision of Chiclayo from the “neighbor” Peru is DX, while listening to the service abroad of Radio Internacional de China from China "far away", in a broadcast directed to South America, is not DX. Now, if we listen in South America, from the



China itself, a local transmission of the regional station of Radio PBS Xinjiang in 3950 kHz we will be doing a DX.

Dexism within the same country



Audiences made outside the coverage area and from abroad are considered DX, however in countries with continental dimensions such as Brazil, we can also classify as DX some remote regional stations that listen in Short Waves, Medium Waves and Modulated Frequency (FM). However, out of prudence, it would be interesting not to fall into the temptation to generalize the concept, at the risk of trivializing dexism. Listening to a shortwave station in your region, medium wave or FM in the neighboring city is usually not DX, because the stations, however small, try to cover the surrounding cities.

DX and radio amateurs

DXers are not to be confused with radio amateurs, they do not transmit any electromagnetic signals and therefore do not need a license. A dexist is not required to have knowledge of electronics, radio or telegraphy technologies (unless he is dedicated to this modality), although that knowledge could certainly be of great value.

This is not to say that a radio amateur cannot become a dexist. The radio amateur - who, in advance, already has technical knowledge about transmitters, receivers, antennas and some experience in long-distance contacts developed in the practice of his art - has a great chance of becoming a good dexist. This can happen if you are interested in developing an extra dose of patience, perseverance, and daring reception techniques to hunt down, listen to, and decipher weak signals, often in exotic languages, coming from distant stations in undirected broadcasts of your reception area. In the same way, a dexist can become a good radio amateur if he is interested in broadcasting, prepares himself technically and submits to the evaluations provided by the media in his country.

"Dexism" and "Radiolistening" are not synonymous

Dexism is the art of looking for radio signals that in normal conditions could not be heard in a particular region; those signals that could only be heard through the experience, patience, perseverance, and techniques of a dexist.

Any radio listener or radio amateur can become a DXist, however diluting or labeling that art as "the practice of listening to the radio" in addition to revealing ignorance on the subject, corresponds to a crude and dangerous simplification that erroneously characterizes the practice of the DXist, induces new practitioners make mistakes and, in the extreme, they can lead to oblivion and consequent extinction.

Finally, these would be my considerations on the subject. I hope I have contributed in some way to solving some of the doubts that still hung on the subject. I clarify that it was not my objective to establish hierarchies, but to highlight the differences of each modality, respecting their specifications and identities.

Fuente: Sergio Dória Partamian
https://www.dxclubesemfronteiras.com/boletim.dxcsf.html



What's cooking at Selvamar Noticias



In this section we will inform about the events, collaborations, visits and other acts in which the members of Selvamar news are present.

What happened this November:



We were lucky to be able to be again at the market held by the Radio Club del Valles

Remember the second Saturday of each month

The Selvamar News Club is born

A way that you can be part of this adventure. You can find more information in the RRSS of the magazine.



Universal Children's Day Diploma.

One more year this diploma has managed to unite different countries and cultures, commemorating this day, a total of more than 5000 contacts and about 600 diplomas encourage us to continue with this type of activities

Six young people between the ages of 11 and 18 were the great revelation of this event.



Anniversary and delivery of trophies Grupo DX Anfora de Manises.

We were there and we felt sheltered, it was shown that amateur radio makes people unite in an atmosphere of camaraderie and friendship



GRALI 10TH ANNIVERSARY

On Monday, October 25, 2021, the 10th anniversary of the creation of the Radioaficionado Group of Lima (Buenos Aires), better known as G.RA.LI.

.- The founders of that historic day are: LU1EQU Onésimo “CACHO” González, LU3DYN José Luis Gigena., LU7DAC Rita Mabel García., LU7DAF Daniel Fernando Acevedo., And SWL Jorge Luis González.-



During these 10 years doing Radio, we have carried out Activities of different kinds, one for each month and sometimes two, that is, always active in all these years.-

During the same, friends, colleagues, collaborating correspondents, were added for the different events held, since without them it would be impossible to cover the entire country and neighboring countries.

Many field trips have been organized, a VHF repeater has been placed, several HUNTING OF THE FOX have been carried out, we have shared events with other friendly groups, we have carried out (and WE WILL RETURN IN APRIL 2022) a radio program called LA HORA DEL RADIOAFICIONADO program of interest in Radio Comunicaciones y Afines, and who made it known in Spain was our colleague - friend Manel EA3IAZ, with whom we are very grateful.-

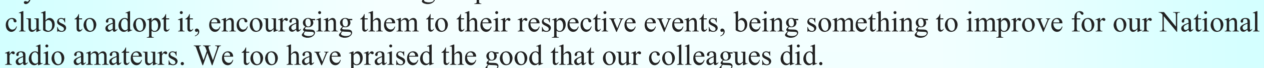


We continue to sponsor and support the 4BCA 27 Mhz Group; We have created a new WhatsApp room called: JS8 GRALI, EXPERIMENTS in order to publicize, disseminate and especially EXPERIENCE this new digital mode, superior to FT8.

We have a OWN cell phone line, with WHATSAPP for 3 years.

It is: +54 9 3487 549833 to leave messages, which will be answered shortly.

In some things we have been PIONEERS in our country and in which it served for other groups / radio clubs to adopt it, encouraging them to their respective events, being something to improve for our National radio amateurs. We too have praised the good that our colleagues did.



Through these lines, and on behalf of the Founding Members, we want to thank EVERYONE who ACCOMPANIES, SUPPORTS, ENCOURAGES, ADVISES us that they are INNUMERABLE and that, if we did not name one, we would look very bad with that colleague / s.

It would be very extensive to relate event by event carried out, I could only say that we experiment on the fly, with ERRORS and successes, but always ahead anyway.- We hope to meet many more years, to keep that FIRE of the amateur radio lit, that it does not go out and last for a long time.- Kind regards 73s and many DXs.

LU1EQU Onesimus

PS: We take advantage of this means to invite you to visit our FACEBOOK pages:

GRALI - Grupo RAdioaficionados de LIma (Pcia.de Bs.As)

https://www.facebook.com/groups/362266400575839

LA HORA DEL RADIOAFICIONADO (G.RA.LI.)

https://www.facebook.com/groups/328542990898922





Letters to the editor

Hello, my name is Daniel, I am a Cuban radio amateur with the call sign CM2DAH. I do not consider myself a person with great experience in this fascinating world of radio, on the contrary I still have a lot to learn, so I am writing to you with the intention of having the help of your magazine to increase my knowledge. It may also be of interest to other colleagues.

Some time ago, since I started making contacts on HF, I have noticed a trend, at least among radio amateurs in my area. The topic refers to the ways of confirming contacts. Most of the colleagues with whom I have exchanged on this issue tell me that the only "valid" ways to confirm their exchanges or access diplomas or certificates are loTW or QRZ.com. . Whoever writes them is not a detractor of the mentioned sites, I recognize that they have the greatest popularity and number of members, but they are not the only ones in the entire internet to provide this service. Such a trend has reached such extremes that if an indicative is not found in at least one of these places, it is as if it did not exist as a station. In a debate with a much more experienced colleague he explained to me that loTW and QRZ.com are tools that complete our stations. This colleague argues that through them the exchange of information from radio contacts is finished. I partially agree with this opinion, but I insist on noting that they are not the only tools to achieve this objective and that they are not the only ones to provide security in the process. The confirmations with QSL cards despite the fact that it requires more time is still effective. It is real that this last option is being replaced by modern computational techniques and this also has a positive environmental impact. I have also heard the opinion that the diplomas that are managed through other sites, for example eQSL, do not have enough validity. I think: are not the radio contacts that support these diplomas the same as those that validate the certificates that are managed through loTW?



Another trend that I have been perceiving and that is closely related to the previous topic, is that every day the confirmation of a contact acquires greater importance over this. Throughout the history of amateur radio, Hertian wave enthusiasts have exchanged QSL cards, but amateur radio is not the hobby of exchanging cards





or focusing on confirmations, it is the experimentation and enjoyment of communicating using radio equipment. This is how I see it and it does not seem to me to be very far from reality. Many colleagues have been criticized for not confirming their contacts by any means. They have a genuine interest in radio exchange only and for them there is all the value of radio. They enjoy every moment to the fullest without being discouraged or disappointed by not receiving a confirmation. Our hobby is competitive but it is not a competition in which the one who keeps the most diplomas or competition certificates is crowned king. With this I do not mean by any means that the merits they represent are not important, but vice versa, who does not have them does not mean that he is below.

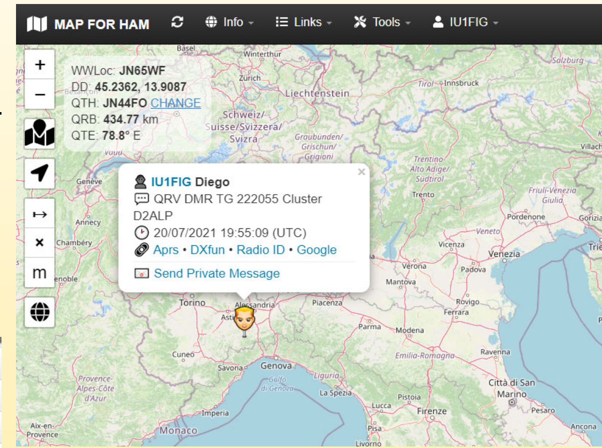


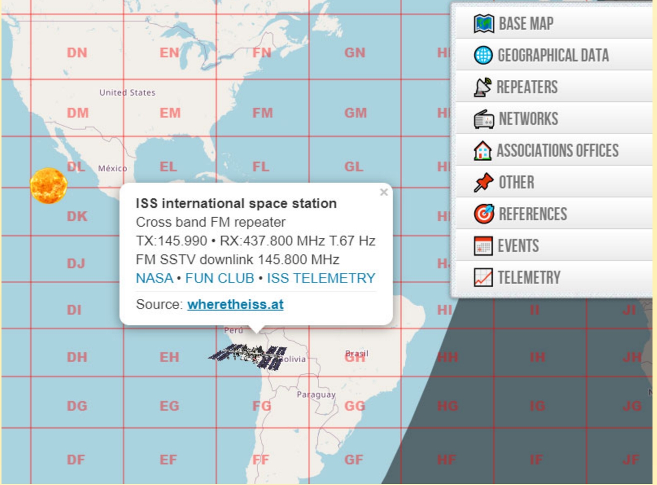
Using one means of confirmation or another, or confirming a contact or not, are options for each radio amateur. Every season is different. As long as we comply with the laws that govern our activity in each country, everything else is up to the operator's taste and need.
I would like to know the opinion of other radio amateurs. If this letter is published, please write to me at: danielandino@nauta.cu. Or write to the Selvamar magazine of which I am a regular reader.
Thanks.
Daniel Alberto Andino Herrera. (CM2DAH)

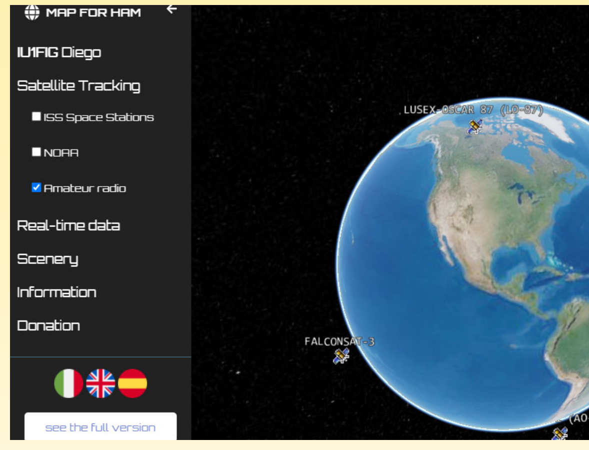


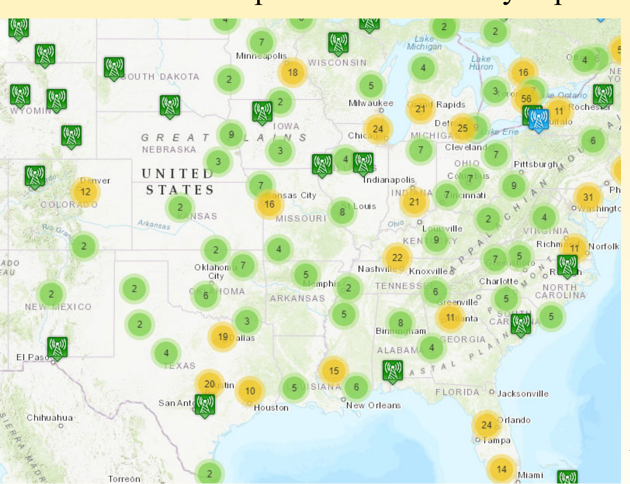
The Map for Ham project

Project conceived and developed by the Italian radio amateur IU1FIG Diego Rispoli and at the initiative of the C.I.S.A.R. Genoa section IQ1LY. The idea of developing the "Map for Radio Amateurs" arises from the need for a complete and immediate consultation on all the activities and general information about the world of radio amateurs. Published in December 2020, one of the main objectives of the project is to involve all radio amateurs and fans who are interested in it and especially from any association, club and nationality. The map is interactive, expandable and clickable, a quick and easy query on the global geographical position with useful information on amateur radio relay links; analog, dmr, c4fm, d-star, echolink, beacon, etc. The map is full of other interesting markers. A non-profit project designed for all radio amateurs, swl and radio enthusiasts. An application, a website and a useful tool for anyone who wants to become a radio amateur. To ensure the publication of always up-to-date and reliable information, the data visible in the form of bookmarks is obtained automatically directly from the sources or with manual input by the community. Our goal is to make the map dynamic and always up-to-date, and this is only possible thanks to a collective collaboration (Ham Spirit).









Mas info: https://www.mapforham.com/



You can now order Morse code pizza (UK)

For the first time ever, popular pizza delivery chain Papa John's is offering its customers the opportunity to order pizza via Morse code to celebrate their association with Call of Duty® and the new WWII game Vanguard.
Available from November 28, 2021, pizza lovers can be transported back in time by ordering their Papa John's delicacies via dashes and dots.



They will simply have to register at https://www.papajohnsmorsecode.co.uk/ and win the chance to get their hands on a complimentary Morse code kit and order a free Call of Duty® pack, including a large pizza, side Classic, Large Drink & Access to Bonus In-Game Items, Delivered in a Limited Edition Pizza Box.
Those who receive a Morse code kit will need to stick their head in the game to crack the code and unlock a complimentary Call of Duty® pack. Customers will need to guess one of the five game-related codes and translate it into Morse code, and each code will map to a specific pizza topping: Cheese and Tomato, All Meats, Vegan Garden Party, Hawaiian, or Double Pepperoni.
Giles Codd, Papa John's UK Marketing Director, said: “We are very excited to launch a new Morse code ordering service and to continue our partnership with Call of Duty®.
Mas info: https://www.papajohnsmorsecode.co.uk/



Radio Adventures - I will be your eyes

The year 2000 passed in a city, full of bustle and noise, in which the sound of cars, motorcycles, sirens and everyday noises filled the atmosphere with stress and tension.
But, at the top of a building lived Alberto, a lover of electronics and amateur radio.
His room looked like the workshop of a mad scientist, cables, welders, open equipment, capacitors and of course some gleaming transmitters of those that had lamps inside, with a dial on which the printed frequencies were read.
Alberto, since he retired, spent hours and hours there, he lost track of time.
His passion was long distance contacts, he already had contacts with almost every country from Zimbabwe to Tasmania, he was happy there in front of his teams writing down the contacts in pencil.
Alberto lived alone, his wife died years ago and he only received a visit from his grandson Sergio who sat next to him to listen to how he made contacts and see how he repaired some or other of the monsters that he had on the table .
This is how time went by and Sergio saw that his grandfather was less and less on the radio, which worried him, because he had always been very excited and when he listened to someone he always went out, even if it was for a greeting and, following his line, he pointed it out in your logbook.



Sergio every day that he came to see his grandfather saw that there were no new entries in the logbook, to which he asked his grandfather:
Grandpa, how come you no longer make contacts? Is the station broken?
To what the grandfather answered like the thing is not going with him, no, the station is fine.
Could it be the antennas? Sergio asked.
No, either, with a sad voice, answered the grandfather.
Then what's wrong with you?
To which the grandfather with a tear in his eyes replied:
I have been visiting the doctor for some time because I hardly see, every day it is more difficult



for me to do things that were everyday for me.

Sergio couldn't hold back his tears, but he took a deep breath, wiped his eyes and answered his grandfather.

Grandfather, I have been with you for many years, I already know the codes, the bands and the frequencies. So from now on I will be your eyes, I will help you find the frequency, I will write down the contacts and even, if necessary, I will help you to repair those appliances.



And said and done, the grandfather at the helm and his grandson at the buttons.
It changes to 7135 that America usually comes out a lot there, w2jts contact made and noted.
The sparkle in the grandfather's eyes was the same as always and they set up one of the best radio teams of that time, winning the odd contest.

In life as in the radio, older people must be respected, since their knowledge comes from experience.
But the new generations must also be respected because they will be the ones who make that knowledge grow and last.

Author: Manel Carrasco (EA3IAZ)
Illustrations: Josep M. Hontangas (EA3FJX)
Correction: Juan José Martínez (EA3IEW)





Three key issues within the spread HF ionospheric and radio communications are sky waves, jump distance and jump zone.

Understanding how HF radio signals actually propagate can help the effects of ionospheric propagation be used to the fullest.

Airwaves, jump zone and jump distances are three key concepts that show why radio signals are heard in some places and not in others.

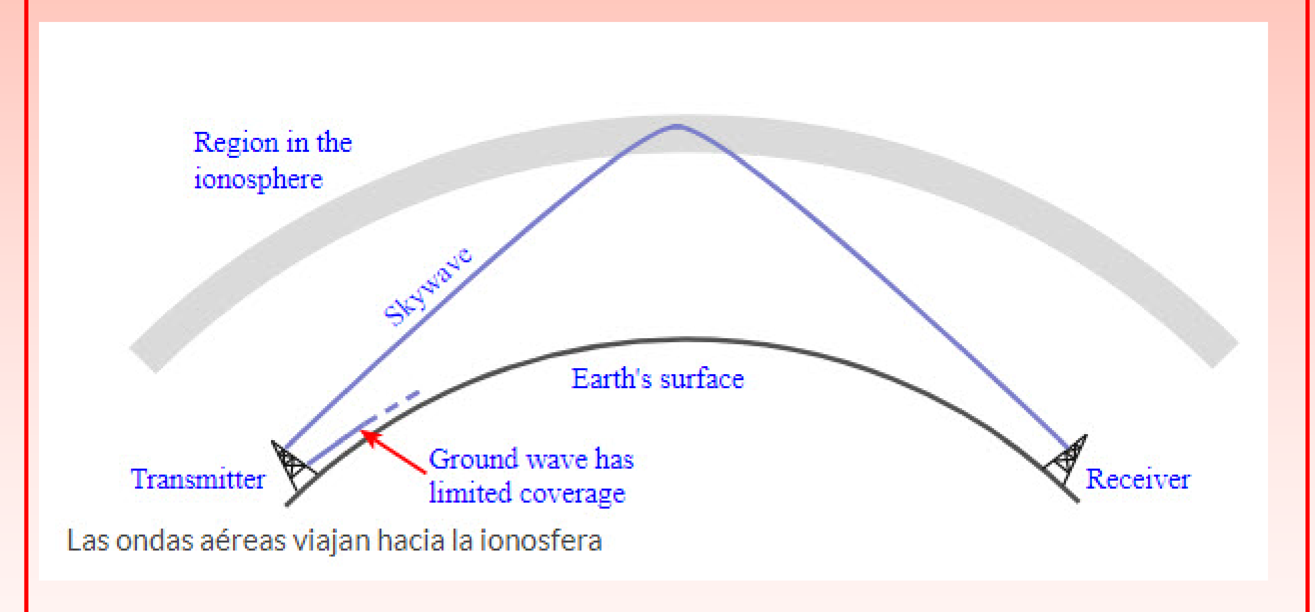
To cover long distances using ionospheric radio propagation, the concepts of sky waves, jump distance and jump zone are important. They have an impact on aspects of radiocommunication links, including the chosen times and frequencies, the antennas used, the transmitters and receivers used, and a variety of other aspects.

Air waves

The celestial wave refers to the signal that travels away from the Earth's surface towards the ionosphere. Unlike a ground wave, it does not follow the contour of the ground, but is directed towards the ionosphere.

The angle between the celestial wave signal line and the Earth's surface at that point can be shallow or steep.

Jump distance

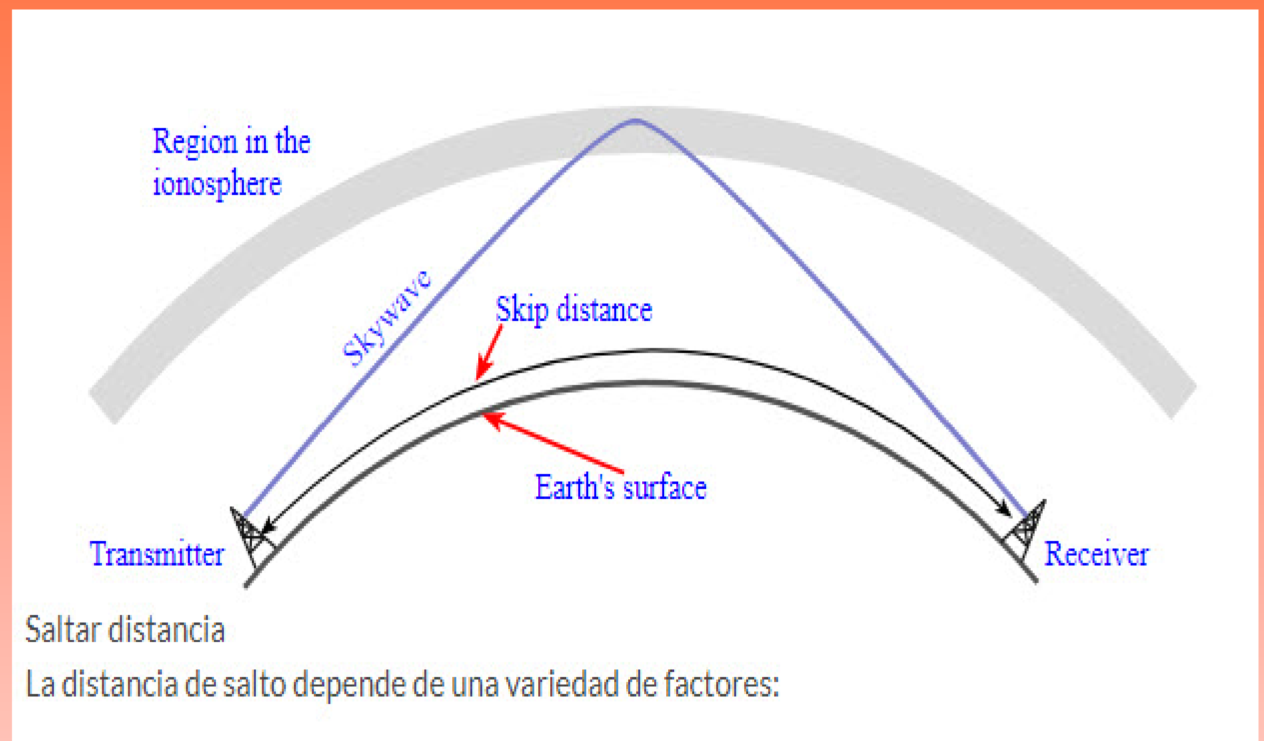


Las ondas aéreas viajan hacia la ionosfera

The jump distance is the distance on the Earth's surface between the point where a radio signal is transmitted and the point where it is received after it has traveled to the ionosphere and has been refracted back by the ionosphere.

The signals leave the antenna and move away from it, finally reaching the ionosphere. They will normally leave the ground at an angle called the radiation angle. Either low, that is, almost parallel to the Earth, or high, that is, at a high angle upwards, they will reach the ionosphere at some point.





Frequency: The operating frequency has a great influence on the jump distance that can be achieved. Generally, as the frequency increases, a lower radiation angle is needed to return the signals back to Earth at a shorter distance. Also higher frequencies tend to be reflected or refracted by higher layers or regions in the ionosphere. This will mean that higher frequencies tend to lead to longer jump distances.

Ionospheric conditions: Ionospheric conditions play an important role in governing the jump distance. In some circumstances, when ionization levels are high, signals can reach very short jump distances.

Radiation angle: The radiation angle of the transmitting antenna will also have an impact on the jump distance. A lower radiation angle will lead to longer jump distances as a result of geometry. This means that radio links can cover greater distances if low radiation angles are used. However, for some applications where a specific target area is required, the radiation angle can be tailored so that the required target region is covered along with the specific ionospheric region.

The jump distance depends on a variety of different factors. Although some users, such as radio amateurs, often require long distance radio communications and can accommodate connection with others anywhere in the world.

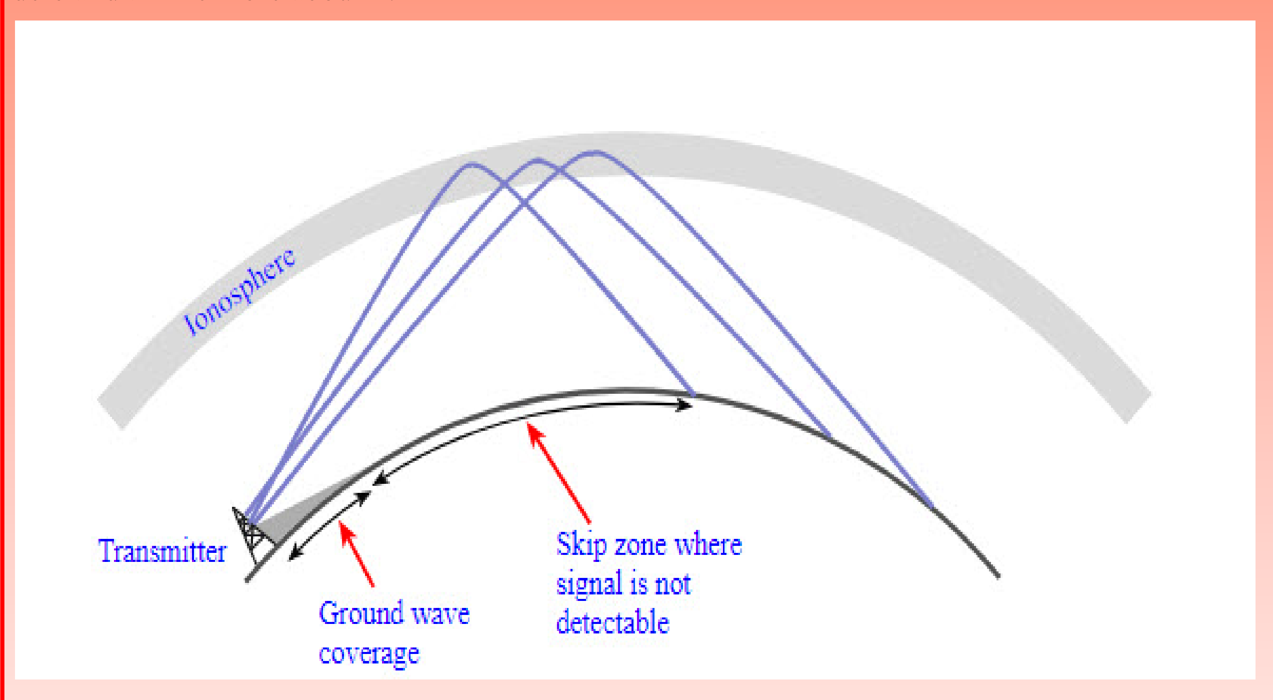
For other users, such as broadcasters and some diplomatic radio communications, specific target areas may be necessary. Here adjusting the radiation angle of the antenna together with the use of a specific band of frequencies and times of days, etc. allows you to get the best performance in terms of jump distance.

Jump zone

The jump zone, which can also be called the silent zone or dead zone, is a region where a radio transmission cannot be received. The skip zone is the region between the point where the ground wave signals can no longer be heard and the point where the sky wave returns through



first time to Earth.
The presence of the exclusion zone can sometimes be beneficial, and other times it can cause problems.
If continuous localized coverage is needed, then the exclusion zone phenomenon can be broadcast. However, if local coverage is not needed, for example for long distance radio communications, then it is not a problem. The jump zone can also
help reduce interference levels because it means that the number of stations being received is less and therefore interference levels can be reduced.
As one of the key limiting aspects of the close jump zone is ground wave attention, it helps to understand a little more about it.



Exclusion zone or dead zone
The jump zone or dead zone depends on a variety of factors:
Ground wave coverage: Local coverage around the transmitter is governed by ground wave. The scope of coverage and the start of the jump zone will depend on the frequency used. Ground wave coverage will be greater for lower frequencies. In MF it can extend up to 100 miles or so, but for higher frequencies, e.g. ex. 10 MHz and above, it can only be extended for a mile or two. It may be surprising how short ground wave coverage can be for HF signals, even when using high powers in conjunction with good antennas.

Sky Wave Minimum Skip Distance: Minimum skip distance is influenced by a number of factors, including operating frequency; the state of the ionosphere and the angle of radiation.In some circumstances, celestial waves close to vertical incidence can be used and returned from the ionosphere. This normally only occurs for lower frequencies in the radio spectrum, but using this, the coverage of the sky waves can be very localized and provide local coverage before the ground wave disappears.

The skip zone is normally experienced for most frequencies in the HF part of the spectrum. It me-



ans that the farthest stations can be heard much better than the local ones.
If it is necessary to reduce the exclusion zone so that better coverage is obtained closer to the transmitter and its antenna, then the transmission frequency can be reduced. This has two effects, not only increases the coverage of the ground wave because the attenuation of the ground wave is reduced as the frequency is reduced. It also allows higher angle radiation to be returned to Earth more easily, but it is also dependent on the prevailing radio propagation conditions.
Waves and frequencies

To get a better idea of the characteristics of HF propagation using the ionosphere, it is worth seeing what happens to a radio signal if the frequency increases across the entire frequency spectrum. It first starts with a signal in the medium wave transmission band. During the day, signals at these frequencies only propagate using the ground wave. Any signal that reaches region D is absorbed. However, at night, as region D disappears, signals reach the other regions and can be heard at much greater distances.

If the frequency of the signal is increased, a point is reached where the signal begins to penetrate the D region and the signals reach the E region. Here it is reflected and will pass back through the D region and return to the ground. at a considerable distance from the transmitter.
As the frequency increases even more, the signal is refracted less and less by the E region and finally passes directly. Then it reaches the F1 region and here it can be reflected by passing back through the D and E regions to reach the earth again. As region F1 is higher than region E, the distance reached will be greater than that of a reflection from region E.

Finally, as the frequency of the radio signal increases further, it will eventually pass through the F1 region and into the F2 region. This is the highest of the regions of the ionosphere and the distances reached through it are the greatest. As a rough guide, the maximum jump distance for region E is around 2500 km and 5000 km for region F2.

The concepts of airwaves, jump distance and jump zone are at the center of HF radio propagation. Understanding these basic concepts provides a foundation for other concepts associated with high-frequency broadcasting or forms of high-frequency two-way radio communications, etc. With distances of many thousands of miles that can be covered using ionospheric radio propagation, sky waves, jump distance, and jump zone are concepts found all the time.

More info: https://riojanosporlaradio.com/ondas-aereas-distancia-de-salto-y-zona-de-salto/

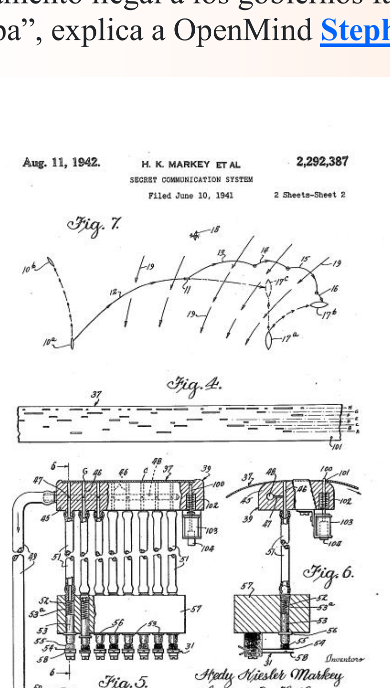


Hedy Lamarr: the actress who invented "wireless"



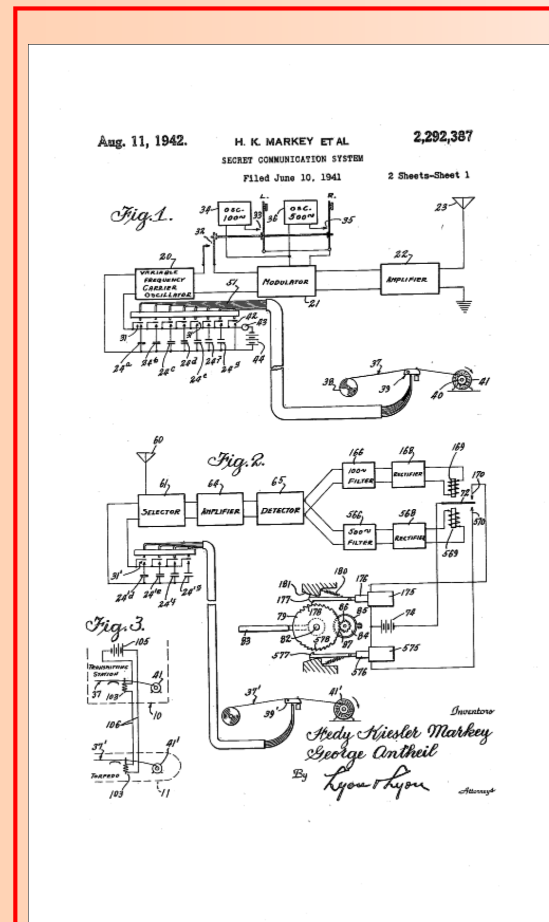
Fue una estrella de Hollywood, que dedicaba las noches a desarrollar un **sistema de salto de frecuencias de comunicación**. Fue la inventora de un precursor del WiFi, que de día interpretaba a **Dalila** bajo la dirección de Cecil B. DeMille. Fue la esposa de un judío que vendía armas a Hitler y Mussolini. Fue la emigrante que **contó a las autoridades de EE.UU. todo lo que sabía sobre el armamento de las potencias del Eje**. Todo eso fue Hedy Lamarr (9 de septiembre 1914 – 19 de enero 2000), un personaje digno de una novela de John Le Carré y de cuyo nacimiento ahora se cumplen 100 años.

En 1933, año de la película ***Ecstasy***, en la que se desnudaba por completo y que la lanzó a la fama de la mano del escándalo, la actriz austríaca Hedy Kiesler se casó con su primer marido, el magnate Fritz Mandl, "que suministraba armamento ilegal a los gobiernos fascistas de Europa", explica a OpenMind **Stephen Michael Shearer**, biógrafo de la actriz y autor de ***Beautiful: The Life of Hedy Lamarr***. La relación no fue ideal. "Era una esposa trofeo a la que se le negaba la vida social sin su marido; su carrera se estancó", señala el biógrafo.



Hedy escapó de su marido y emigró a EEUU, reanudando su carrera en Hollywood en 1937. Con su nuevo nombre, Hedy Lamarr, la actriz de deslumbrante belleza se convirtió en una gran estrella. Pero tras su imagen pública rutilante, Lamarr escondía algo más. En Viena había escuchado las conversaciones sobre armas y sistemas de comunicaciones que su marido mantenía con los líderes de la Europa fascista. Y cuando se fue, se llevó lo que sabía para ponerlo a disposición del país que la acogió.

Un día Lamarr conoció al compositor y pianista **George Antheil**, un pionero de la música mecanizada y la sincronización automática de instrumentos. Juntos pensaron en aplicar el principio de la pianola a los torpedos dirigidos por radio; es decir, emplear rollos de papel perforado para que la frecuencia de la comunicación fuera saltando entre 88 valores distintos (el número de teclas del piano) según una secuencia que solo podrían conocer



who possessed a key. That would prevent the system from being intercepted. The patent was published on August 11, 1942 under number 2,292,387, under the title Secret Communication System.

However, the Antheil and Lamarr system was not immediately exploited. For Shearer, this was due to two reasons: "First and foremost, the government did not understand or then did not conceptualize wireless communication." But according to the author, the second reason was due to the unusual profile of the inventor. "Possibly the invention was parked because Lamarr was considered the most beautiful girl in the world and we must bear in mind that at that time no one took a beautiful woman seriously in intellectual matters." Anthony Loder, the son of her third marriage, points out to OpenMind that she never intended to make money from her invention, which she turned over to the US Navy. "Hedy was ahead of her time by 20 years," adds the actress's son.

Finally, the invention of Antheil and Lamarr would be exploited two decades later, after Antheil died in 1959 and the patent expired without producing a single dollar. “In the 1960s, the patent was used to develop wireless military communications for guided missiles. And this would lead, together with the invention of mobile phones, to the foundation of all wireless communications that we know today, such as WiFi ”, details Shearer.

For the inventor and actress, on the other hand, the future would not be so promising. After the war, her film career went into decline. Her darkest years began in the 1960s, when she was charged with shoplifting. Nor was her work as an inventor recognized until after her death in 2000. Since 2005, her birthday, November 9, is marked as Inventor's Day in German-speaking countries (Austria, Switzerland and Germany). And in May 2014, Lamarr and Antheil were inducted into the Inventors Hall of Fame in the US The vindication of their figure has led to new works about their exciting life, such as Trina Robbins' graphic novel Hedy Lamarr and a Secret Communication System or the book Hedy's Folly: The Life and Breakthrough Inventions of Hedy Lamarr, by Pulitzer winner Richard Rhodes. For her part, Loder anticipates that she is preparing a book about her mother and that she is collaborating on a biographical film destined to see the light of day in 2015.

Javier Yanes para Ventana al Conocimiento
Mas info: https://www.bbvaopenmind.com/tecnologia/visionarios/

Selvamar Noticias

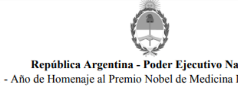
* La revista del Radioaficionado

NEW

In the face of interference, report

Let's put ourselves in situation:
An important entity such as ARES Argentina EMCOM, carries out a series of equipment verifications daily at a regular frequency and time.
Being an operation with the importance of maintaining a reliable communication structure, radio amateurs should respect these frequencies and hours.
But this has not been the case since the beginning of November and during the period of this exercise two high-powered musical carriers have been interfering every day in its development.

It would be easy to get to the tantrum, the insult and / or the dequalifying, but, for its part, ARES Argentina EMCOM, has limited itself to triangulating the position of the broadcasting stations and making it known to the authorities through complaints.
This is part of the extract of the complaint
In accordance with the recurring interferences produced from the day 11-01 / 2021 to 11-11 / 2021, at the time of this publication, during the activations of Operativas ARES Argentina EMCOM, who with presentation to SINAGIR, of the corresponding application form for registration in the national registry of the civil society organizations of the CENOC, dated May 2021, generate a space on 7,085mhsz LSB, for the Practice and Experimentation of Radiotechnics, in their activities of Instruction, Intercommunication and Technical Studies, as a Radio Amateur Service, recognized of National Interest by Law 16,118 in the Argentine Republic, the corresponding actions have been carried out before the National Communications Entity ENACOM, with tests and field studies, to whom on 11-02 / 2021 they were made aware of said situation that affects said Service, as well as, puts At Risk Assistance in cases of Emergencies, since, according to antecedent s of Resolution 05/2015 ...
(...) in the presence of an accident or an emergency, radioelectric communication can be decisive in safeguarding the life and / or property of a person or a community. (...)
... which would be interrupted by the constant action of interfering with communications.



República Argentina - Poder Ejecutivo Nacional
2021 - Año de Homenaje al Premio Nobel de Medicina Dr. César Milstein

Presentación Ciudadana ante el Poder Ejecutivo

Número: PD-2021-109143523-APN-DGDYD#JGM

CIUDAD DE BUENOS AIRES
Jueves 11 de Noviembre de 2021

Referencia: Carátula Variable EX-2021-109143518- -APN-DGDYD#JGM

Datos de la Solicitud

Motivo de la presentación: Interferencia Intencional de Señales al Servicio de Radioaficionados.
Dependencia dónde presentará la solicitud: Ente Nacional de Comunicaciones

Observaciones

Con fecha 01-11-2021 a la fecha de esta presentación. Dos Señales, Portadora en LSB, con recepción en escala RS de 59+40db Promedio, sobre todo el Territorio Nacional Argentino, Costas de Uruguay, Chile y Paraguay, con reproducción de Música, Vocalizaciones, Silbidos y otros, sobre 7.085mhz, frecuencia de Ronda Operativa para la Practica y Experimentación de la Radiotecnia, por el Servicio de Radioaficionados, (declarados de Interés Nacional según LEY N° 16.118), en comprobación de Equipos y Antenas, por el Grupo de Radioaficionados Voluntarios Identificados como ARES Argentina EMCOM, con Presentación de FORMULARIO DE SOLICITUD DE INSCRIPCIÓN/ACTUALIZACION AL REGISTRO NACIONAL DE ORGANIZACIONES DE LA SOCIEDAD CIVIL DEL CENOC, con fecha 13-05/2021

Digitally signed by Gestion Documental Electronica
Date: 2021.11.11 00:34:42 -03:00

TAD JGM
Administrador de Procesos Automáticos
Dirección de Gestión Documental y Despacho
Jefatura de Gabinete de Ministros

On 11-11 / 2021 and with Processing Number: EX-2021-XXXXXXXX, before the National Communications Entity of the Argentine Nation ENACOM, we await your intervention and a prompt response to detect the origin of said interference and the application of the corresponding penalties, since it affects an essential service in Emergency and Disaster situations, beyond the Practice and Experimentation of Radiotechnics, carried out during all the Activations, carried out by this Team of Volunteer Radio amateurs.

73 ARES Argentina EMCOM team.



One of ours invited to Selvamar Noticias



The coordinator of the Information System of the Federation of Radio Amateurs of Cuba (FRC) of the Branch of the Cuban province of Ciego de Ávila, Héctor García León (CO7HH), is the proposal that the FRC, a Member Society of the IARU and with We gladly introduce our readers to this esteemed colleague who has shared radio activity with us 46 years ago, who has become an efficient journalist and collaborator of Cuban amateur radio.
Héctor, a 69-year-old professional, remains active in “Radio Surco”, a provincial radio station in Ciego de Ávila and a prominent integral radio amateur of this territory, a member of the Cuban DX Group (GDXC), whose credit as a reporter is good. known among Cuban radio amateurs and many readers of social networks, lovers of these topics.
CO7HH, without departing for a moment from the news work of both his workplace, and the events of FRC, is an active correspondent who voluntarily embraced this task when it was proposed to him, ten years ago, as a result of the 7th. Congress of the FRC and thanks to its work, today we know more about the work of the radio amateurs of the City of Portals, as the Avilanian capital is also known, about its history and the dedication of its magnificent operators and "potters" to the radio and technical activity.
We have never liked to measure the results of the work of the Information System of the FRC by the number of publications that appear on the website, but readers are wise and are aware of the topics and territories that are repeated the most, even in complex stages such as those that we still live derived from the pandemic that hits humanity and that in our case has left us an informative silence, from which we hope to get out with the reorganization and normality in the work of the organization.
In Ciego de Ávila Hector tells us that despite being one of the territories most affected by Covid-19, the Subsidiary shows progress in home radio activity, which can be supported by concrete results in the participation of a representation of its membership to the main events and in the spoked wheels that operate in this province.

Ciego is one of the small subsidiaries of the FRC, what is its structure?
In the Branch we have 233 members, 213 of them men and 20 women, the latter with outstanding work in the Women's Front. Membership is distributed in eight Radio Clubs which are the following: Ciro Redondo, Chambas, Florencia, Majagua, Venezuela, 1st. January, Morón and Bolivia. All led by the executive headed by Jesús Padrón Paz (CO7JP) and made up of seven members.

How does the information you publish reach you?
Well, I work and live here, I know what is happening in each Radio Club, but also the Information System works as established in the methodology. The president of the Branch and other enthusiastic collaborators of the Radio Clubs, report to us the events and activities that are carried out,

I do not believe that maintaining and even increasing the level of information is a merit of mine alone, it can never be the work of a single person, behind each information there is a group of associates that we must also recognize.



What if you had to define the most productive among your correspondents?
Without a doubt I would tell you that it is Rafael Rodríguez Arguller (CL7KR) with whom I work very closely linked to all the activities of the radio and in the Radio Club de Morón José Ángel Iraola Rivero (CM7JI), a very active colleague who is in all of them as we Cubans say.

What themes stand out in the publications?
Radio and technical activities. Do not forget that here we have roots of the GDXC, some are no longer, but in not so distant times, they made contributions in the newsletters and the DX net of then and today we remember them. In Ciego de Ávila there are "potters" like Pedro (CO7PR) who is still remembered as the father of the "Islander" (a nationally built radio station), Antonio Morales (CO7MB), Yoleisy (CO7YP), José Miguel Salazar, who although now He is quite limited, he is an excellent engineer and a few more who have passed through the FRCuba website in these more than ten years. Radio amateurs like to be recognized for their work, their hours of wakefulness and the awards they receive, and we do that whenever someone stands out. The wheels do too. There are present issues of the organization's operation, history and the most important commemorations that are linked to radio activities, but note that the radio amateur is always at the center, because this is their page, which is theirs and for them. I believe that there will always be content of educational interest so that our publications do not die, the contributions of the membership will always be an important source and sometimes we do not realize that we have colleagues by our side who have a lot to say and the readers appreciate it.
What bands and modes do you work with, what is your favorite?

I work all the Bands, sometimes the antennas limit me, but each one has its charm and when there is no propagation in one there is in the other. Among the favorite Modes, they are with greater or less intensity: RTTY, BPSK31, FT8, FT4, some telegraphy. SSTV and Fonía, which is my favorite, as you can see I don't have time to get bored on the radio.
How do you manage to simultaneously everything you do?

As you know, I also write for the Radio, I have obligations at home, where my wife runs it, but we always do it in perfect harmony. She is not a radio amateur, but she listens a lot to the radio and sometimes she gives me criteria of things that she hears, for or against. Of course, not every day I practice all the Digital Modes, but I do radio every day from very early in the morning. I don't like to hear people say I don't have time to do radio. The radio is there for you 24 hours a day and at some point you can dedicate 20 minutes to it.





What do you advise your colleagues? .

That they love the radio above all, which is a very healthy and productive entertainment. That they maintain radio ethics, that we do not think that we know them all, we always learn a lot from our correspondents. I really like the high bands because they are a very professional radio station and with a lot of respect.

And what family does Hector have?

I have a wonderful family. Deisy, my wife with whom I have been married for 41 years, is something special for everyone. My two children Odlaisy, a journalism graduate following in the footsteps of her father, has given me two beautiful grandchildren: Camila and Raúl; and Hectico, an average construction technician, who has three children: Jonathan, Samuel and Morami. They are all



my great joy.

Thanks Héctor for your time and congratulations for the results in the work of the Information System of the FRC and as a comprehensive radio amateur. Without a doubt, it is fortunate to work with someone like you from whom I have learned, not only in professional work, but with the teachings that you transmit as a human being, I wish you success and above all that health always be with you.

Joel Carrazana Valdés (CO6JC)
Sistema Informativo de la FRC
Fotos: Cortesía del entrevistado



DroidPSK - PSK for Ham Radio APK



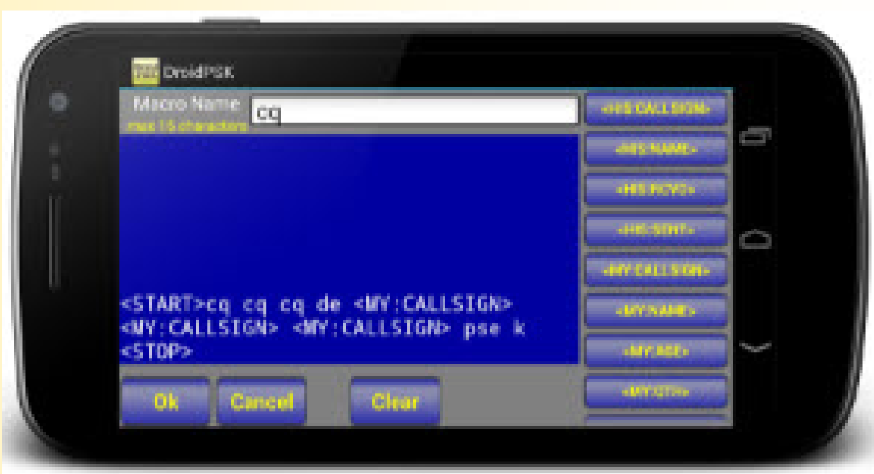
DroidPSK is an application to decode and encode Ham Radio BPSK31 and BPSK63. A great tool for PSK ham radio portable operation.
DroidPSK can decode a BPSK31 or BPSK63 signal through the built-in microphone. Just hold your Android phone or tablet close to the speaker of your ham radio transceiver, set the waterfall slider to the PSK carrier frequencies, and DroidPSK will start decoding.
In transmission mode, characters can be entered using the keyboard. 20 macros are also available to store standard texts such as "name and qth" and "station information"

As of V2.0 DroidPSK now also includes a log book. The callsign, the RST name, etc. they can be easily transferred to the lookbook from the reception screen. The log book also includes ADIF export and import to transfer your log book data to PC based log software.



For more information, you can see the manual at: http://www.wolphi.com/ham-radio-apps/droidpsk/manual/

Suggested frequencies for PSK in the amateur radio bands are:
- 160 m 1838,15 KHz
- 80 m 3580,15 KHz
- 40 m 7035,15 KHz for region 1 and region 3, and 7080.15 KHz for region 2 *
- 30 m 10142,15 KHz
- 20 m 14070,15 KHz
- 17 m 18100,15 KHz
- 15 m 21080,15 KHz (although most of the activity can be found at 10 KHz lower)
- 12m 24920.15 KHz
- 10m 28120.15 KHz



Mas info: https://www.apkturbo.com/apps/droidpsk-psk-for-ham-radio/com.wolphi.psk31/



CARKIT 8W VFO

To tell the truth, as many of your faces light up when you hear the name of this team, it happens to me and I am from a generation that has already started in radio with commercial teams.
A few years before the subscriber existed, many began in this ham radio with these equipments, which oneself assembled, if they came in a kit and with instructions for their assembly and adjustment.
Perhaps, starting in this hobby in this way, you have to feel a more special bond with this hobby.
The piece that I bring you today dates from approximately 1972-74, it transmits with 8w and has 12 channels in the 27Mhz band through its quartz crystals, AM mode and of unknown manufacturer.



In a time when 27Mhz frequencies were used by all kinds of services, this one still has legends on its dial such as fishing, practical, and several coastal cities in Asturias, with which, from my deductions, I understand that it would be used by someone from the sector fishing, maybe it would be in a boat, who knows….
One more year is coming up shortly, a difficult year ... but let's start 2022 with a positive attitude and with the conviction that it will be a year of great and good RADIO
.

HAPPY HOLIDAYS EA1OK

https://www.youtube.com/channel/UCC3ZxxWXZMpotwdpt2EAM2w





New World Record Of The Sota Program In Hf

Diego Lizárraga lu9mzo achieved it last Sunday from the summit of Cerro Lomas Amarillo at 5116 meters above sea level in one hour, he got 11 contacts in 40 meters ssb communicating with six Argentine provinces



Friend Diego Lizarraga LU9MZO, 38 years old, physical education teacher, mountaineer and radio amateur, one of the biggest names in the SOTA program in America, managed to set a new world record for broadcasting at height on HF.

Last Sunday alone he arrived after exhausting 10 hours he reached the summit of Cerro Lomas Amarillas of 5116 meters above sea level, with 2,100 meters of positive elevation (photo 1), in the Cordillera del Plata, in the frontal mountain range of Mendoza, made up of a high edge in an east-west direction that defines two large slopes: the steep south face, with walls of rock and snow; and the extensive north face, dominated by long stones and some snow channels that persist until late summer.

He began to climb at 4 in the morning with the "mochisota" on his back (a backpack with the equipment inside already interconnected), a bit demanding to arrive on time because he had planned to start broadcasting at noon.

But it was delayed two hours, reaching the summit at 2:00 p.m. LU (17 UTC), because the last big climb had snow and had to put on the crampons (which are the pins that go in the boots so as not to slip) and that. It forced him to spend more time than planned.

He spent only one hour in the air working HF on 40 meters SSB (7200 KHz), with an inverted V dipole antenna with a 5.5 meter fishing rod mast that he assembled with gloves on, uBitx v5 rig with lithium battery of 5 w, obtaining 11 contacts with stations of San Luis, Neuquén, Río Negro, Buenos Aires, Córdoba and Mendoza.

He also called on VHF on 2 meters (146520) totaling 9 qso, all with Mendoza.

At 15 hours LU (18 UTC) Diego began the return in good weather, taking care of his ankles for the great goal. In January he will try again to summit Aconcagua, this time as a radio amateur, trying to establish a new world record in HF.

He descended in six hours, four hours less than for the ascent in the morning, hitting firm ground at nine at night LU (00 UTC), after 17 hours.

Diego Lizarraga had already activated the Lomas Amarillas hill on August 3, 2019 only in VHF mode.



In the VHF modality, the world record is still held by the Polish Tom Rudzinski LU / SQ9FVE since February 16, 2019, who operated from the top of Cerro Aconcagua in Mendoza at 6962 meters above sea level (photo 2).

It is important to note that all SOTA records of HF and VHF radio operation above five thousand meters were recorded in the Argentine province of Mendoza.



In addition to those already mentioned, Fernando Luis Pacheco LU5MFL from the Cerro Plata of 5949 masl on February 8, 2020 in VHF and from the same place Diego Molina LU2HDM on September 16 of this year, also in VHF with a curiosity, he released his license From the top.

Diego Lizarraga LU9MZO in turn activated the Cerro Vallecitos at 5454 masl on January 14 of last year in VHF and Fernando Pacheco LU5MFL the Cerro Rincón at 5373 masl on February 25, 2020 in VHF.

Alejandro Weber LU1MAW, manager of the SOTA LUM Mendoza Argentina Association, was interested in remarking that any radio amateur can participate in the SOTA program, not only as a "hunter", but also as an activator.

It is not necessary to have good equipment and antennas or to be in great physical condition.

There are many peaks that can be reached by walking in an hour, some like the Cerro Pan de Azúcar in Córdoba by chairlift, and in the case of Cerro Ventana in the south of the province of Buenos Aires, you can get to the base by car,

There are many hills that can be activated with little physical demand, it is not an exclusive activity for amateur radio athletes. Alejandro himself is cited as an example of a radio amateur who approached the mountain with a significant overweight, working accessible summits.

Diego Lizarraga himself (photo 3), one of the top SOTA figures, is shown activating the Cerro Bayo at 1766 meters above sea level, along with his wife and even his pet, corroborating what was expressed by Alejandro LU1MAW.

The situation changes when it comes to very high peaks looking for international records, which is where the figure of amateur radio mountaineers with the trade to climb and operate emerges.

By Carlos Almirón LU7DSY



RADIO CLUB «MELIPULLI» IS 20 YEARS OLD

THE STORY RADIO CLUB "MELIPULLI" CE7RCM



Its creation is due to the concern of a group of Radio amateurs to contribute with their knowledge and passion for communications in forming another institution in the city of Puerto Montt.
With effort and dedication they knocked on doors and began their walk. This is how in this journey, they met members of the Hardy Vargas Scout Group, who in turn wanted to be part of this company, who invited us to their facilities to continue the series of meetings that this increasingly growing group of friends, was taking place and for this reason they no longer fit in the living room of the houses.
As the aforementioned Scout group is part of the current "Manos Unidas" Corporation, the latter knew of our existence and our claims, and offered its facilities and support so that we could continue holding the meetings in pursuit of a goal that until then it was almost a dream. At the first meeting we were received by personnel who are part of the Corporation's board of directors and together with the welcome, and the pleasant reception, the first steps began that today allow this group to breathe easier, to organize the work by choosing a provisional board of directors. , and under its wing, baptize the radio club that definitely began to be born.
The procedures for obtaining legal status began, hand in hand with the beginning of the preparation of the respective Statute that will regulate the work of this organization, which hopes to achieve training activities for those who want to integrate, especially youth , carry out technical support workshops, recreational activities such as radio contests, and many others that will allow Puerto Montt and the area to be represented in the world of radio amateurs, in an environment surrounded by friendship.
This is how the Radio Club Melipulli CE7RCM, was founded on November 16, 2001 in the city of Puerto Montt, capital of the Tenth Region of Los Lagos, a registered entity with legal personality No. 1582 record that appears in the archives of the Illustrious Municipality of Puerto Montt. Thanks to the management of our partners, especially our Honorary Partner Mr. Víctor Reyes Quintana RIP and the support of the Mayor and Councilors of the Municipality, today we have our headquarters which is located in the Alto La Paloma urban park sector of the city of Montt port.
Undoubtedly the road has been long in these 20 years of life, but we are happy with what has been achieved, today we have a group of partners who allow us to look to the future with optimism in favor of the development of our hobby and with great challenges in terms of technological advances. In terms of material, we have radio communications equipment, three unassisted repeaters, located in strategic places in the area, which allow direct communications in VHF between the Big Island of Chiloé by the South and La Unión





bythe North, providing service to all radio amateurs colleagues without distinction of having a communications network available in the area, especially in case of emergency. In addition to VHF - UHF - HF equipment - DMR digital equipment.

The CE7RCM Radio Club Melipulli, is part of the Radioclubs associated with the Radio Club de CHILE CE3AA, internationally associated with the IARU International Union of Radio amateurs, nationally to the SER Service of Emergencies of Radioamateurs of Chile, regionally to the COE Committee of Regional Emergency Operations, in the Communal to the Communal COE Communal Emergency Operations Committee, both COE under the auspices of the ONEMI National Emergency Office, directed in the Los Lagos Region by Don Alejandro Vergés Castillo. Always supporting dissemination activities of our hobby and especially supporting the World Scout event JOTA-JOTI (Jamboree-on-the-Air-Jamboree-on-the-Internet) is the largest digital event of the Scout Movement worldwide. via the Internet and radio waves. The event, held each year in October, connects millions of young people from around the world for a weekend filled with online activities that promote friendship and global citizenship.

We can only thank all the members of the CE7RCM Radio Club Melipulli and colleagues at the national and international level who, united via radio signals, allow us to always be active in communications and Always Ready for any Emergency.

As our Amateur Radio Anthem says: “We are radio amateurs Ready to Serve ”.

EJERCICIO DE
COMUNICACIONES
TERREMOTO 1960
RADIO CLUB "MELIPULLI"
CE7RCM
PUERTO MONTT
CHILE
60
AÑOS DE LA
CATÁSTROFE
Este 22 de mayo a las 15:00 hrs una nueva conmemoración
Repetidor Volcán Osorno y en directo 146.520
HF 7.070 KHz - TG7307

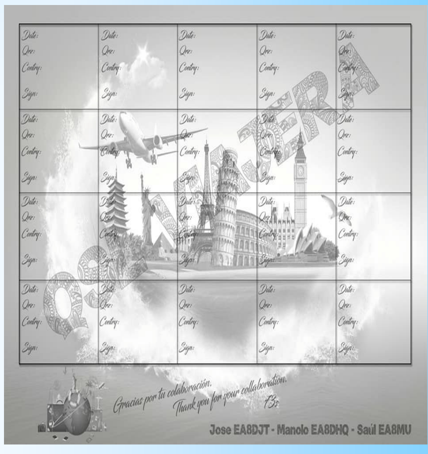
Happy 20th Anniversary CE7RCM Radio Club Melipulli Puerto Montt



The Traveling QSL

**The QSL Viajera continues on its way, Chile, Mexico, Argentina, Puerto Rico, Italy, India, Spain.
Maybe you will be the next.**





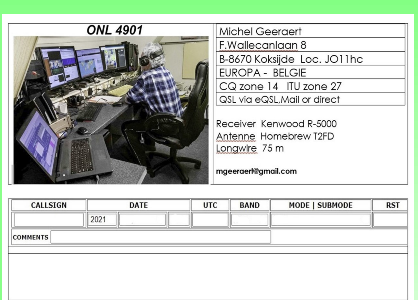
Patricia (PATY) Mohedano (XE1SPM)





Sangita Ghosh (VU3ZIH)





ONL4901 Michel



YV6ENA Eduardo



RADIO CLUB
COSTA RICA



EA8CNR Jose M.



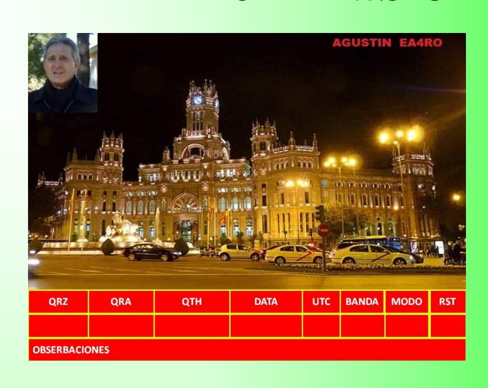
HK6E Pablo



LU1WL
Laura



LU6EDG
Guillermo



EA5RO Agustin



EA1GKZ
Nacho



CM3EFM Eddy



EA3J Joan



THE RADIO CLUB GROUP RADIO SAFOR

in collaboration with Mike Delta Víctor and ASPAU



From next December 21, 2021 at 00:00 UTC until 23:59 UTC on December 28, 2021
They put on the air the special callsign EG5DSI
As is already known, during these days, both public and private companies and ... of course, private individuals, make a small solidarity effort towards those less favored people or entities that non-profit organizations dedicate their time and effort to make carry a more comfortable life for those who cannot by their own means.
This is why our association, for the second consecutive year, has launched a solidarity campaign supporting the activity carried out by the ASPAU association, in addition to raising funds that will go to the Autism Project.
In the bases of this event you have more detailed information.





DIPLOMA
II TROFEO SANTOS INOCENTES
EG5DSI
El Radio Club Grupo Radio Safor
Y
La Asociación Proyecto Autismo "Aspau"
Otorgan el presente diploma a
EA5RKS
Por haber cumplido con lo establecido en las bases
Xeresa a 28 de diciembre de 2021

DIPLOMA BASES AND CONDITIONS FOR OBTAINING PRIZES
FIRST: All national and international stations with their corresponding license can participate, as well as SWL stations. We will work in all bands and modes.
SECOND: All stations that contact EG5DSI will receive confirmation of the contact through eQSL and LoTW, NOT on paper DME or Locator is not confirmed.
THIRD: To obtain the diploma in PDF format, 3 contacts will be required regardless of the mode or band that is performed, not being valid those that are made in the same band and mode on the same day, but it can be repeated on a different day.
.
Mas Info : https://radioclubgruporadiosafor.blogspot.com/p/bases-ii-diploma-santos-inocentes.html



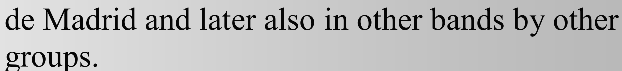


Blockhouse # 13 in the air

This warlike fortification of the Spanish civil war is unique in its category, since when it was built at the end of 1938, the war was coming to an end and it was never used, and the construction of another 24 bunkers of the same design was suspended.

This location is located in the municipality of Colmenar del Arroyo in the middle of the western mountains of Madrid, being in recent years when it was restored from the aftermath of time and vandalism, thus becoming a point of tourist interest and a meeting point for various groups. , bikers, 4X4 routes, hikers, filming movies and for four years now, a strategic place to do radio in Banda Ciudadana by Grupo Canal 21 Sierra de Madrid and later also in other bands by other groups.





After having passed last year, when this activity was suspended for reasons known to all, this year Grupo Canal 21 SM will resume this activity to celebrate in some way the day of the Constitution. So in this way next December 6, they meet in this place to carry out an intensive QSO, which will begin at 11 in the morning of this day, the channel will be on FM 21 or otherwise, depending on circumstances.



Note that this year, following the policy of coordinating between groups of C.B. and radio amateurs, the colleagues from Radio Activation Madrid (RAM), collaborate with Grupo Canal 21 in this activity, putting the callsign EG4RAM on the air in the Ham bands in the morning.



The coordinator and Manager of the event will be as in previous years Carlos, QRZ Maverich, EA4GVT. He reminds us to bring lunch for the morning. He also remembers to respect the environment and its fauna. We wait for you.

Fuente: Manolo Meteorito



ISS SSTV December 1-2 145.800 MHz FM

Russian cosmonauts on the International Space Station (ISS) plan to transmit slow-scan TV images on 145,800 MHz FM using the SSTV PD-120 mode.



The transmissions are part of the SSTV experiment of the Moscow Aviation Institute (MAI-75) and will be carried out from the radio amateur station RS0ISS in the Russian ISS service module (Zvezda) using a Kenwood TM-D710 transceiver.
December 1, 2021 (Wednesday) from 12:10 GMT to 19:10 GMT *
December 2, 2021 (Thursday) from 11:40 GMT to 17:20 GMT *
* Dates and times subject to change.
You can get predictions for ISS passing times at https://www.amsat.org/track/
ARISS SSTV Blog https://ariss-sstv.blogspot.com/





FULL KIDS CONTEST - LRB - SECOND VERSION
Full Kids Play Center
Vice-rectory for Social Projection and Interinstitutional Relations
Los Libertadores University Foundation
PROPOSITO DEL CONCURSO FULL KIDS 2021

1.1. Encourage activity in the bands and exalt the work of Liga Radio Bogotá as a promoter and manager of operations and radio experimentation events at a national and international level.
1.2. Exalt the work of the Los Libertadores University Foundation as an entity that has promoted social transformation in Colombia through high-quality higher education through innovative educational strategies.
1.3. Encourage the participation of all Colombian radio amateurs, especially the ladies and the new generations.
1.4. Strengthen the link between amateur radio and academia in order to promote the integral development of children and adolescents

OBJECTIVE:
Make as many communications as possible with Colombian stations during the 4 hours of competition.

DATE AND DURATION:
Sunday, December 5, 2021 from 19:59 UTC (14:59 HK) to 23:59 UTC (18:59 HK)
More info: concursosydiplomashk3lrb@gmail.com

YOTA December Month 2021



The last days of 2021 are approaching and we are pleased to announce that this year the YOTA December Month organized by the IARU will also take place.

From URE we will participate, like last year, with the callsign EF4YOTA.

The idea for this event of our great hobby, amateur radio, is for young people to be active in amateur bands.

If you are young and directly want to join this activity or from one of our sections with a collective station that want to join the activity for and because they have local young people interested, you can contact the URE as soon as possible to coordinate the event in the email youth@ure.es.

DECEMBER
YOTA MONTH!
The year is almost over...
but we are just getting started!





It is a contest but not a competition. If you are interested in knowing more about the rules that govern this activity, you can find them at: https://events.ham-yota.com/awards.

We also invite the general community of radio amateurs to participate by searching for the YOTA suffixes of each of the participating IARU member societies, you will find them here: https://events.ham-yota.com/

Diplomas can be earned by working our special stations with YOTA suffixes that will be operated by youth throughout December!

Remember, it is not a typical contest, there will be different young people on the air and it is possible that they will even be your first contacts with the radio.

The objective of these YOTA stations is in general to be operated by young people with a maximum age of 26 years.

The event will take place from December 1 at 00:00 until 31 at 23:59 UTC

You can also follow the news at:

facebook: #hamyota https://facebook.com/groups/youngstersontheair
twitter: @hamyota https://twitter.com/hamyota?lang=es
Fuente: https://www.ure.es/yota-december-month-2021/



PATAGONIAN CHAMPIONSHIP 2021 "SPRINT"



INFORMATION:
(LU1VZ) Radio Club Bariloche and Radioclubes de la Patagonia Argentina invite all radio amateurs to participate in the 2021 Patagonian Championship (SPRINT)
In 2020, for the first time in our area, 3 Radioclubs LU-1UG, LU1VZ and LU3VAL came together to hold a radio championship, receiving the collaboration of LU1XA, LU2WA and LU8WX.
This year 2021 we have the participation of the Province of Neuquén completing the entire Argentine Patagonia, through Radio Club Neuquén (LU1YY)
The "Patagonian Championship" arises from General Roca, Rio Negro with the main idea of a joint effort where the organizing Radioclubs rotate and in this way promote the activity of contests, waiting for the addition of more Radioclubs, with the commitment to continue with these activities of healthy competition.
I leave the page where they can take the bases and everything they need.

http://radioaficiados.com.ar/?page_id=2692

















CHRISTMAS SSTV 2021



One more year the radio galena Group launches the SSTV NAVIDEÑO with the intention of saying goodbye to the year by sending us good wishes through the SSTV.



With very simple bases, make announcements from December 20 to December 31 in SSTV mode and send us your reports to info@radiogalena.es, which we understand as a report ... well, to an image of the correspondent with whom you make the statement where apart from its call sign Get yours and the signal report that he gives you, logically the image has to be with Christmas motifs.



Participation certificate will be sent to all those who send at least 1 valid image.

All SSTV images will be accepted on any band including CB.

It is recommended to use the recommended frequencies for sstv and especially the neighboring ones so as not to saturate the calling frequencies.

We want to take this opportunity to congratulate you on the holidays and we hope to see you at SSTV.

Grupo Radio Galena
EA1RCG



Activities and Activations



QSL ESPECIAL DIOSES DEL ANTIGUO EGIPTO DEL 27/11/2021 AL 2/12/2021



DIPLOMA FELIZ NAVIDAD (del 6 al 19 de diciembre 2021)

Se celebrará durante la mañana del 24 de diciembre en la plaza San Pedro del municipio Contará con una treintena de stands de venta de pan, derivados y una representación de artesanía El concurso de pan espera reunir a más de 45 artesanos de todaBizkaia

Los más pequeños y pequeñas disfrutarán de un taller de elaboración de pan artesano y la visita de Olentzero El municipio de Galdames se prepara para celebrar el 24 de diciembre una nueva edición del Ogi Eguna en la que, como es habitual, el pan será el protagonista de la mañana de Nochebuena en la localidad encartada. La tradicional feria, que llega este año a su XXV edición, está más que consolidada en la comarca de Enkarterri y se ha convertido en una cita ineludible para la mañana de Nochebuena. Organizado por el Ayuntamiento de Galdames, el Ogi Eguna reúne año tras año en la plaza San Pedro a cerca de una treintena de puestos de artesanos de pan y productos derivados como el talo, las rosquillas, el pastel vasco o el mismo pan en sus distintas variedades así como una representación de artesanos donde se expondrá cerámica, cestería o talla de madera Sin duda alguna, el concurso de pan artesano es una de las actividades que más expectación provoca en esta feria donde el pan es el producto estrella. Desde las 09:00 de la mañana que arranca el Ogi Eguna y hasta las 11:00 estará abierto el plazo de inscripción de los panes en los bajos del Ayuntamiento y la entrega de premios del concurso de pan se realizará en torno a las 13:30 - 14:00 de la tarde. El requisito fundamental es que hayan sido elaborados de forma artesanal, que sean de forma redonda preferentemente y que su peso sea de aproximadamente un kilo o kilo y medio. En esta nueva edición se espera de nuevo una buena participación superando incluso los 45 panes que suelen presentarse a concurso.

Los más pequeños que se acerquen durante la mañana del 24 de diciembre al municipio podrán tomar parte en un taller infantil de pan que se celebrará entre las 11:00 de la mañana y las 13:00 del mediodía. El taller incluirá una demostración de la elaboración del pan y los niños y niñas podrán realizar in situ el proceso de amasado además de ver la posterior cocción en un horno habilitado para tal fin en la plaza San Pedro.



La tradición marca las pautas de esta feria popular, de repercusión internacional y única en el mundo. Con más de 200 años de antigüedad, cada 21 de diciembre **O Capón de Vilalba** atrae a multitud de gente.



Qsl especial Capón de villalba esta qsl no tiene fecha por cambiar cada año

Qsl especial ONGI EGUNA FIESTA DEL PAN ARTESANO (24-12-2021)



DIPLOMA II TROFEO SANTOS INOCENTES 2021





Activities and Activations















Selvamar Noticias
NEW
* La revista del Radioaficionado

La Revista "Selvamar Noticias"

The United Nations celebrates Universal Children's Day on November 20, the date on which the UN General Assembly approved the Declaration of the Rights of the Child in 1959.

As a magazine, we cannot miss such an important date, taking into account that today's boys and girls are in charge of keeping amateur radio alive tomorrow, and that is why, and for the second year in a row, we carry out an activity where the central theme is them. .

Today the Selvamar family has 6 children of different ages among its ranks, but we hope through our activities, stories and publications to be able to motivate more boys and girls to take part in this activity.

Amateur radio is not a hobby for adults only, and these boys have shown it to us with creses, they are the ones called to continue renewing, refreshing and updating amateur radio.

selvamarnoticias@gmail.com





Old Man wishes all Selvamar Noticias readers and their families a Merry Christmas. May the new year that is approaching come loaded with enthusiasm and desire to continue working to give prestige and enhance the practice of Amateur Radio throughout the world.

Old Man

Farnet